

# SKF Power transmission belts



Where:  
 $n$  = number of teeth in mesh  
 $D_1$  = large pulley diameter (mm)  
 $d_1$  = small pulley diameter (mm)  
 $C$  = design centre distance  
 $n_1$  = number of teeth on small pulley

Example:  
Required belt basic power rating is:

$$P_b = \frac{50 \text{ kW}}{(1,0 \times 1,0)} = 50 \text{ kW}$$

Selected belt width  $W_b = 110$   
Actual belt basic power rating  
 $54,9 \text{ kW} > 50 \text{ kW}$

12 Installation

Page 130 for  
Factor  $C_s$



The SKF brand now stands for more than ever before, and means more to you as a valued customer.

While SKF maintains its leadership as a high-quality bearing manufacturer throughout the world, new dimensions in technical advances, product support and services have evolved SKF into a truly solutions-oriented supplier, creating greater value for customers.

These solutions enable customers to improve productivity, not only with breakthrough application-specific products, but also through leading-edge design simulation tools and consultancy services, plant asset efficiency maintenance programmes, and the industry's most advanced supply management techniques.

The SKF brand still stands for the very best in rolling bearings, but it now stands for much more.

**SKF – the knowledge engineering company**

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# Foreword

A well designed belt drive will transmit power for many years with a minimum of maintenance. Although they have been around for a long time, belts are still a very efficient and cost-effective method for transmitting power from one component to another.

The evolution of belts has been remarkable. New materials, designs and manufacturing methods have increased working load limits and extended belt life.

SKF offers a complete assortment of both standard and high performance belts that can be implemented in many different applications.

The most common V and timing belts are part of this manual. The power ratings listed here are the same as those used in our software programs. However, there will be small differences in the results because the software will interpolate values if speeds or diameters fall between those listed in the tables. As a result, SKF recommends using the belt selection program available for download at [www.skfptp.com](http://www.skfptp.com).

## About the data in this catalogue

The data in this catalogue relates to SKF's state-of-the-art technology as of the beginning of 2011. The data may differ from that shown in earlier catalogues because of revised methods of calculation, redesign or technological developments.

SKF reserves the right to make continuing improvements to SKF products with respect to materials, design and manufacturing methods, as well as changes necessitated by technological developments.

## Other Power Transmission catalogues

Product information is also available via the SKF Power Transmission products website at [www.skfptp.com](http://www.skfptp.com). The website does not only provide product information, but also

online calculation tools, drawings, and search and selection functions.

The main printed SKF Power Transmission catalogues are:

- SKF Transmission chain catalogue
- SKF Couplings catalogue
- SKF FX Keyless Bushings catalogue
- SKF Xtra Power Belts catalogue

For more information about SKF Power Transmission products, contact your local SKF representative or SKF Authorized Distributor.

# SKF – the knowledge engineering company

From the company that invented the self-aligning ball bearing more than 100 years ago, SKF has evolved into a knowledge engineering company that is able to draw on five technology platforms to create unique solutions for its customers. These platforms include bearings, bearing units and seals, of course, but extend to other areas including: lubricants and lubrication systems, critical for long bearing life in many applications; mechatronics that combine mechanical and electronics knowledge into systems for more effective linear motion and sensorized solutions; and a full range of services, from design and logistics support to condition monitoring and reliability systems.

Though the scope has broadened, SKF continues to maintain the world's leadership in the design, manufacture and marketing of rolling bearings, as well as complementary products such as radial seals. SKF also holds an increasingly important position in the market for linear motion products, high-precision aerospace bearings, machine tool spindles and plant maintenance services.

The SKF Group is globally certified to ISO 14001, the international standard for environmental management, as well as OHSAS 18001, the health and safety management standard. Individual divisions have been approved for quality certification in accordance with ISO 9001 and other customer specific requirements.

With over 120 manufacturing sites worldwide and sales companies in 70 countries, SKF is a truly international corporation. In addition, our distributors and dealers in some 15 000 locations around the world, an e-business marketplace and a global distribution system put SKF close to customers for the supply of both products and services. In essence, SKF solutions are available wherever and whenever customers need them. Overall, the SKF brand and the corporation are stronger than ever. As the knowledge engineering company, we stand ready to serve you with world-class product competencies, intellectual resources, and the vision to help you succeed.

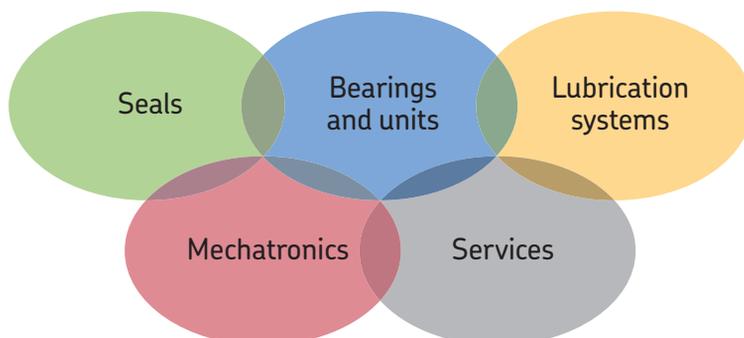


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## **Evolving by-wire technology**

SKF has a unique expertise in the fast-growing by-wire technology, from fly-by-wire, to drive-by-wire, to work-by-wire. SKF pioneered practical fly-by-wire technology and is a close working partner with all aerospace industry leaders. As an example, virtually all aircraft of the Airbus design use SKF by-wire systems for cockpit flight control.

SKF is also a leader in automotive by-wire technology, and has partnered with automotive engineers to develop two concept cars, which employ SKF mechatronics for steering and braking. Further by-wire development has led SKF to produce an all-electric forklift truck, which uses mechatronics rather than hydraulics for all controls.





#### **Harnessing wind power**

The growing industry of wind-generated electric power provides a source of clean, green electricity. SKF is working closely with global industry leaders to develop efficient and trouble-free turbines, providing a wide range of large, highly specialized bearings and condition monitoring systems to extend equipment life of wind farms located in even the most remote and inhospitable environments.



#### **Working in extreme environments**

In frigid winters, especially in northern countries, extreme sub-zero temperatures can cause bearings in railway axleboxes to seize due to lubrication starvation. SKF created a new family of synthetic lubricants formulated to retain their lubrication viscosity even at these extreme temperatures. SKF knowledge enables manufacturers and end user customers to overcome the performance issues resulting from extreme temperatures, whether hot or cold. For example, SKF products are at work in diverse environments such as baking ovens and instant freezing in food processing plants.



#### **Developing a cleaner cleaner**

The electric motor and its bearings are the heart of many household appliances. SKF works closely with appliance manufacturers to improve their products' performance, cut costs, reduce weight, and reduce energy consumption. A recent example of this cooperation is a new generation of vacuum cleaners with substantially more suction. SKF knowledge in the area of small bearing technology is also applied to manufacturers of power tools and office equipment.



#### **Maintaining a 350 km/h R&D lab**

In addition to SKF's renowned research and development facilities in Europe and the United States, Formula One car racing provides a unique environment for SKF to push the limits of bearing technology. For over 60 years, SKF products, engineering and knowledge have helped make Scuderia Ferrari a formidable force in F1 racing. (The average racing Ferrari utilizes around 150 SKF components.) Lessons learned here are applied to the products we provide to automakers and the aftermarket worldwide.



#### **Delivering Asset Efficiency Optimization**

Through SKF Reliability Systems, SKF provides a comprehensive range of asset efficiency products and services, from condition monitoring hardware and software to maintenance strategies, engineering assistance and machine reliability programmes. To optimize efficiency and boost productivity, some industrial facilities opt for an Integrated Maintenance Solution, in which SKF delivers all services under one fixed-fee, performance-based contract.



#### **Planning for sustainable growth**

By their very nature, bearings make a positive contribution to the natural environment, enabling machinery to operate more efficiently, consume less power, and require less lubrication. By raising the performance bar for our own products, SKF is enabling a new generation of high-efficiency products and equipment. With an eye to the future and the world we will leave to our children, the SKF Group policy on environment, health and safety, as well as the manufacturing techniques, are planned and implemented to help protect and preserve the earth's limited natural resources. We remain committed to sustainable, environmentally responsible growth.



# 1.0 V-belts

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# SKF Wrapped Wedge and Narrow Wedge Belts

## Construction details

### Cushion rubber

Cushion rubber provides good adhesion between the tension members (cords) and the rubber cushion.

### Tension members

The tension cords are made from polyester yarn. Pre-loading the cords during their rubber impregnation process results in low stretch during operation.

### Rubber cushion

The rubber cushion is a fibre loaded giving good transverse belt rigidity.

### Wrapping fabric

Heavy duty industrial fabric.

## Features:

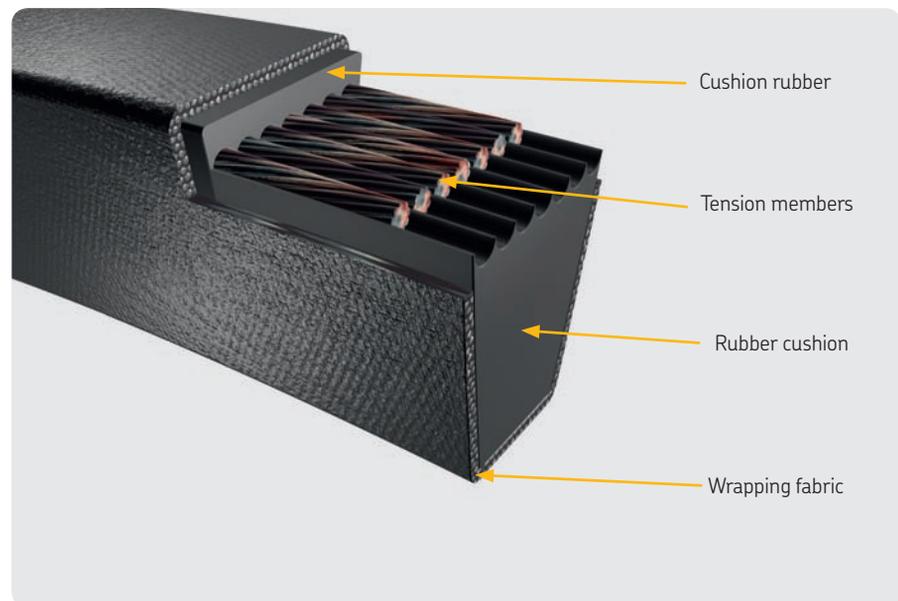
- High transverse rigidity minimizes heat generation
- Chloroprene rubberized wrapping fabric resists abrasion
- Moderately oil-resistant
- Temperature range from  $-35$  to  $+65$  °C
- Belts are anti-static per ISO 1813
- Constant length per ISO matching set tolerances

## Applications

SKF Wrapped and Narrow Wedge Belts have been designed to accommodate all industrial applications and some agricultural machines.

## Standards

ISO 4184



### SKF Wrapped Wedge and Narrow Wedge Belts

| Section | Width | Height |
|---------|-------|--------|
| mm      |       |        |
| SPZ     | 9,7   | 8      |
| SPA     | 12,7  | 10     |
| SPB     | 16,3  | 13     |
| SPC     | 22    | 18     |
| 3V      | 9     | 8      |
| 5V      | 15    | 13     |
| 8V      | 25    | 23     |



SKF Wrapped Wedge Belts used in the mining industry



# SKF Xtra Power Narrow Wedge Belts

## Construction details

### Cushion rubber

Cushion rubber provides good adhesion between the rubber cushion and cords.

### Tension members

The tension cords are made from polyester yarn. Pre-loading the cords during their rubber impregnation process results in low stretch during operation.

### Tension member wrapping

A fibre filled compound encases the tension members thus enabling the belts to accommodate higher dynamic loads without compromising flexibility.

### Rubber cushion

The rubber cushion is fibre loaded giving good transverse belt rigidity.

### Wrapping fabric

Heavy duty industrial fabric.

## Features:

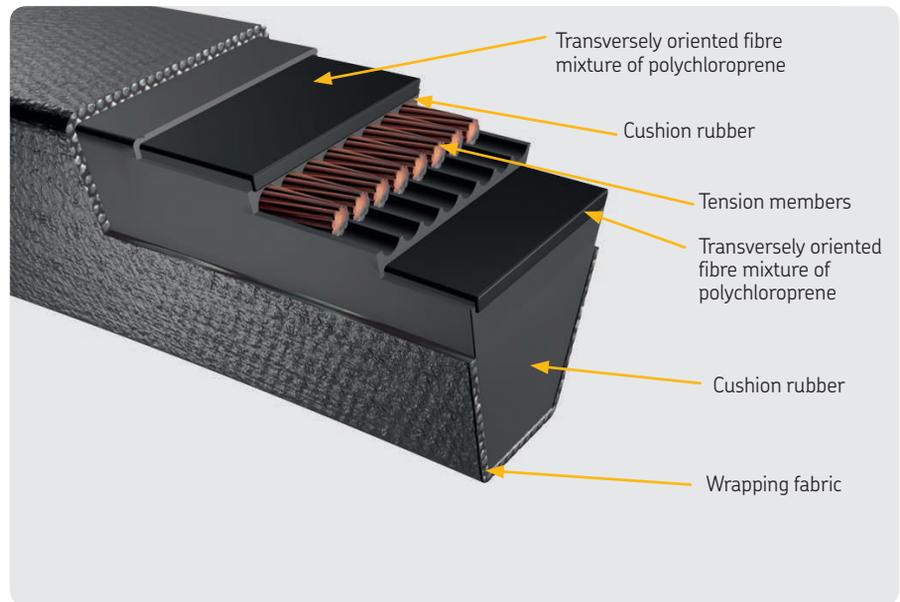
- High transverse rigidity minimizes heat generation
- Chloroprene rubberized wrapping fabric resists abrasion
- Moderately oil-resistant
- Temperature range from -35 to +65 °C
- Belts are anti-static per ISO 1813
- Constant length per ISO matching set tolerances

## Applications

SKF Xtra Power Wrapped Wedge and SKF Narrow Wedge Belts have been designed to deliver up to 40% more power than standard wrapped belts. They are suitable for all kinds of industrial applications and some agricultural machines.

## Standards

ISO 4184



SKF Xtra Power Belts used in fan applications

SKF Xtra Power Wedge and SKF Cogged Raw Edge Narrow Wedge Belts

| Section | Width | Height |
|---------|-------|--------|
| -       | mm    |        |
| SPZ-XP  | 9,7   | 8      |
| SPA-XP  | 12,7  | 10     |
| SPB-XP  | 16,3  | 13     |
| SPC-XP  | 22    | 18     |
| 3V-XP   | 9     | 8      |
| 5V-XP   | 15    | 13     |
| 8V-XP   | 25    | 23     |

# SKF Wrapped Classical Belts

## Construction details

### Cushion rubber

Cushion rubber provides good adhesion between the tension members (cords) and the rubber cushion.

### Tension members

The tension cords are made from polyester yarn. Pre-loading the cords during their rubber impregnation process results in low stretch during operation.

### Rubber cushion

The rubber cushion is fibre loaded giving good transverse belt rigidity.

### Wrapping fabric

Heavy duty industrial fabric.

## Features:

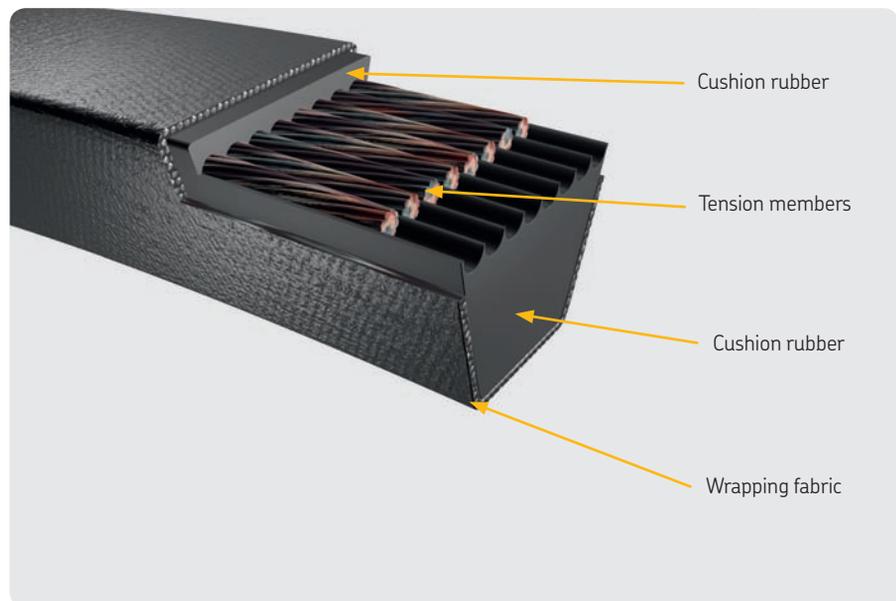
- High flexibility
- Chloroprene rubberized wrapping fabric resists abrasion
- Moderately oil-resistant
- Temperature range from  $-35$  to  $+65$  °C
- Belts are anti-static per ISO 1813
- Constant length per ISO matching set tolerances

## Applications

SKF Wrapped Classical Belts have been developed to handle the majority of industrial applications and some agricultural machines. They can run on ISO wedge as well as on classical V-belt pulleys. Suitable for V-flat drives (flying wheel applications).

## Standards

ISO 4184



*SKF Wrapped Classical Belts used in the HPI, Oil and gas industry*

### SKF Wrapped Classical Belts

| Section | Width | Height |
|---------|-------|--------|
| –       | mm    |        |
| Z       | 10    | 6      |
| A       | 13    | 8      |
| B       | 17    | 11     |
| C       | 22    | 14     |
| D       | 32    | 20     |
| E       | 38    | 23     |

# SKF Cogged Raw Edge Narrow Wedge Belts

## Construction details

### Cushion rubber

Cushion rubber provides good adhesion between the tension members (cords) and the rubber cushion.

### Tension members

The tension cords are made from polyester yarn. Pre-loading the cords during their rubber impregnation process results in low stretch during operation.

### Rubber cushion

The rubber cushion is fibre loaded chloro-prene compound giving good transverse belt rigidity.

### Backside fabric

Heavy duty industrial fabric.

## Features:

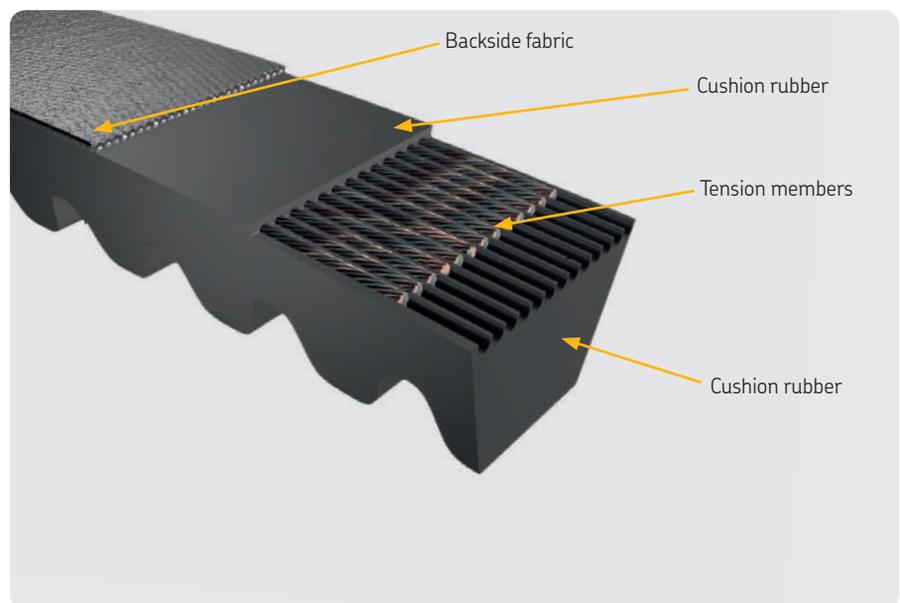
- High transverse rigidity
- High flexibility
- Temperature range from -30 to +75 °C
- Constant length per ISO matching set tolerances.
- Suitable for tropical climates
- Lengths available up to 3 500 mm

## Applications

SKF Cogged Raw Edge Wedge and SKF Cogged Raw Edge Narrow Wedge Belts have been developed to handle all industrial applications.

## Standards

ISO 4184



SKF Cogged Raw Edge Wedge Belts in the metal industry

SKF Cogged Raw Edge Wedge and SKF Cogged Raw Edge Narrow Wedge Belts

| Section | Width | Height |
|---------|-------|--------|
| –       | mm    |        |
| XPZ     | 9,7   | 8      |
| XPA     | 12,7  | 10     |
| XPB     | 16,3  | 13     |
| XPC     | 22    | 18     |
| 3VX     | 9     | 8      |
| 5VX     | 15    | 13     |

# SKF Cogged Raw Edge Classical Belts

## Construction details

### Cushion rubber

Cushion rubber assures good adhesion between cushion and cord.

### Tension members

The tension members (cords) are made from polyester yarns. Pre-tension of cord during impregnation process gives low stretch of the belt on application.

### Rubber cushion

Rubber cushion is fibre loaded chloroprene compound giving good transverse belt stiffness.

### Backside fabric

Heavy duty industrial fabric.

## Features:

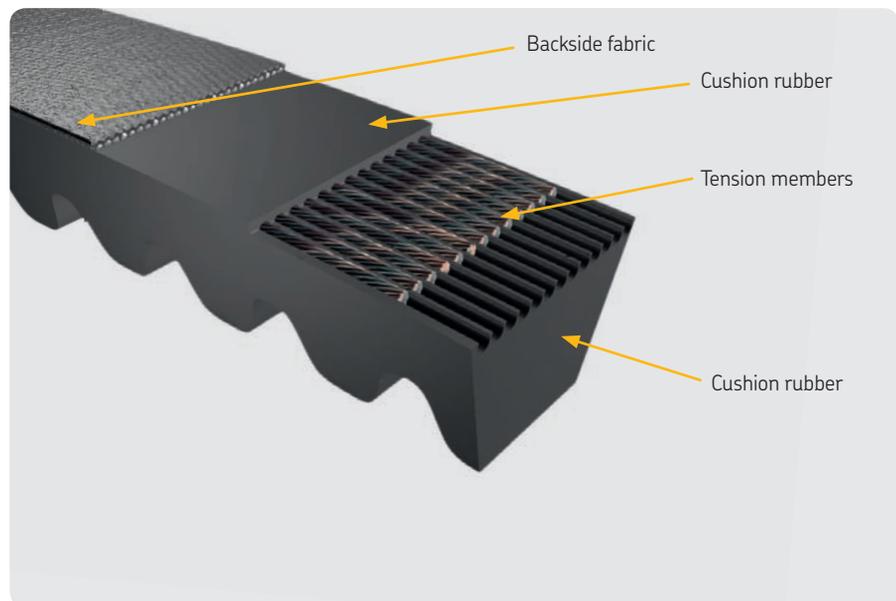
- Very high flexibility
- Temperature range from -30 to +75 °C
- Constant length per ISO matching set tolerances.
- Suitable for tropical climates
- Lengths available up to 3 500 mm

## Applications

SKF Cogged Raw Edge Classical Belts have been developed to handle the majority of industrial applications running on ISO wedge as well as on classical V-belt pulleys.

## Standards

ISO 4184



### SKF Cogged Raw Edge Classical Belts

| Section | Width | Height |
|---------|-------|--------|
| -       | mm    |        |
| ZX      | 10    | 6      |
| AX      | 13    | 8      |
| BX      | 17    | 11     |
| CX      | 22    | 14     |



SKF Cogged Raw Edge Classical Belts in the energy industry

# Industrial V and wedge belts

SKF belts allow for overall length tolerances according to ISO 4184.

## Manufacturing tolerances of V-belts

| Nominal length (L) |        | Permissible deviation for sections<br>Y, Z, A, B, C, D, E |     |      |
|--------------------|--------|---|-----|------|
| over               | incl.  | +   | -   |      |
| mm                 |        | mm  | mm  | mm   |
| -                  | 250    | +8  | -4  |      |
| 250                | 315    | +9  | -4  |      |
| 315                | 400    | +10   | -5  |      |
| 400                | 500    | +11   | -6  |      |
| 500                | 630    | +13   | -6  | ±6   |
| 630                | 800    | +15   | -7  | ±8   |
| 800                | 1 000  | +17   | -8  | ±10  |
| 1 000              | 1 250  | +19   | -10 | ±13  |
| 1 250              | 1 600  | +23   | -11 | ±16  |
| 1 600              | 2 000  | +27   | -13 | ±20  |
| 2 000              | 2 500  | +31   | -16 | ±25  |
| 2 500              | 3 150  | +37   | -18 | ±32  |
| 3 150              | 4 000  | +44   | -22 | ±40  |
| 4 000              | 5 000  | +52   | -26 | ±50  |
| 5 000              | 6 300  | +63   | -32 | ±63  |
| 6 300              | 8 000  | +77   | -38 | ±80  |
| 8 000              | 10 000 | +93   | -46 | ±100 |
| 10 000             | 12 500 | +112  | -56 | ±125 |
| 12 500             | 16 000 | +140  | -70 |      |
| 16 000             | 20 000 | +170  | -85 |      |

However, within particular sizes, belts meet matching set tolerances, which make them set free.

## Belt matching tolerances

| Nominal length (L)  | Maximum difference between the lengths of belts of the same set for sections<br>Y, Z, A, B, C, D, E |    |
|---------------------|---|----|
|                     | mm  | mm |
| L ≤ 1 250           | 2   | 2  |
| 1 250 < L ≤ 2 000   | 4   | 2  |
| 2 000 < L ≤ 3 150   | 8   | 4  |
| 3 150 < L ≤ 5 000   | 12  | 6  |
| 5 000 < L ≤ 8 000   | 20  | 10 |
| 8 000 < L ≤ 12 500  | 32  | 16 |
| 12 500 < L ≤ 20 000 | 48  | -  |

# Selection guide for SKF V-belts

## Selection procedure and formulae

Example:

**Driver:** 45 kW electric motor, 1 440 r/min, direct online start.

**Driven:** Fan, 550 r/min

**Service:** 24 hours/day

Approximate distance between centres = 900 mm

**Tensioning method:** SKF pen tester

### 1 Service factor ( $C_2$ )

Service factors describe the severity of drive conditions. Refer to **tables 2 and 3** on **page 16**.

Example: Medium duty class, heavy start

$$C_2 = 1,4$$

For speed increasing drives, use correction factors in **table 1** on **page 16**.

### 2 Design power ( $P_d$ )

Multiply drive power and service factor  $C_2$  to get the design power.

$$P_d = P_r C_2$$

where

$P_d$  = design power [kW]

$P_r$  = motor rated power or power absorbed by the load [kW]

$C_2$  = service factor

Example:

$$P_d = 45 \times 1,4 = 63 \text{ kW}$$

### 3 Belt cross section

Refer to **diagrams 1, 2, 3** on **pages 17 and 18** for the appropriate belt cross section based on speed and design power.

Example: Selected section SPB

### 4 Required speed ratio ( $I_r$ )

Divide speed of faster shaft with speed of slower shaft to get the required pulley speed ratio.

$$I_r = \frac{\text{r/min (faster shaft)}}{\text{r/min (slower shaft)}}$$

Example:

$$I_r = \frac{1\,440}{550} = 2,62$$

### 5 A. If selected cross section is SPA/SPA-XP/XPA, SPB/SPB-XP/XPB, SPC/SPC-XP/XPC, 5V/5V-XP/5VX or 8V/8V-XP

Choose the corresponding centre distance based on the required speed ratio by referring to **tables 4a to 4p** on **pages 20 to 35** to get:

Belt datum length ( $L_d$ )  
Centre distance (CC)  
Datum diameter of pulleys (d, D)

Example: Centre distance table for section SPB is available on **pages 23, 24** and **25**.

Speed ratio: 2,62

Belt datum length: 2 990 mm

Centre distance: 941 mm

D = 500 mm

d = 190 mm

Continue with **step 10**.

### 5 B. If another type of V-belt is selected, where centre distance tables are not available

Continue with **step 6**.

### 6 Pulley datum diameters (d, D)

Try to use standard pulley diameters.

– Refer to **table 5a** or **6a** on **pages 36 to 39** to get the recommended diameter for small pulleys (d)

– Refer to speed ratio **table 5b** or **6a** on **pages 36 to 39** to get the diameter for large pulleys (D)

### 7 Centre distance preliminary (CCp)

Determine preliminary centre distance between pulleys.

Recommended: CCp min: 0,7 (D + d)  
CCp max: 2 (D + d)

where

D = large pulley diameter

d = small pulley diameter

### 8 Belt datum length ( $L_d$ )

Calculate the belt length based on preliminary centre distance.

$$L_d = 2 \text{ CCp} + 1,57 (D + d) + \frac{(D - d)^2}{4 \text{ CCp}}$$

where

$L_d$  = belt datum length [mm]

CCp = preliminary centre distance [mm]

D = large pulley diameter [mm]

d = small pulley diameter [mm]

Choose the closest available belt length from belt **tables** on **pages 81 to 99**.

### 9 Centre distance (CC)

Calculate actual centre distance based on selected belt length  $L_d$ .

$$\text{CC} = \frac{a + \sqrt{a^2 - 8 (D - d)^2}}{8}$$

where

a =  $2 L_d - \pi (D - d)$

$L_d$  = selected belt datum length [mm]

D = large pulley diameter [mm]

d = small pulley diameter [mm]

### 10 Belt basic power rating ( $P_b$ )

Refer to power rating tables for selected belt type on **pages 41 to 62** to get the power rating values. The total belt basic power rating consists of basic power rating + power rating based on speed ratio.

$$\text{Example: } P_b = 11,9 + 0,72 = 12,62 \text{ kW}$$

### 11 Correction factors ( $C_1, C_3$ )

Refer to **table 8** for belt length correction factor  $C_1$  and **table 7** for arc of contact correction factor  $C_3$ .

Example: Belt length correction factor  
 $C_1 = 0,97$  (interpolated)  
 Arc of contact correction factor  
 $C_3 = 0,96$

### 12 Belt power rating ( $P_r$ )

Multiply belt basic power rating with  $C_1$  and  $C_3$  to get the actual belt power rating.

$$P_r = P_b C_3 C_1$$

Example:  
 $P_r = 12,62 \times 0,97 \times 0,96 = 11,75 \text{ kW}$

### 13 Number of belts (N)

Divide drive power (design power) by power rating of selected belt to get the required number of belts.

$$N = \frac{P_d}{P_r}$$

Round up to first integer.

Example:

$$N = \frac{63}{11,75} = 5,4$$

6 SPB 2990 belts are needed

### 14 Installation and take-up allowances

Installation allowance **MIA** is **minimum** distance needed to decrease the CC distance in order to be able to install the belt. Take-up allowance **MTA** is **minimum** distance needed to increase the CC distance in order to tension the belt. Refer to **tables 10a** and **10b** on **page 63** to get the values.

Example:

$$\begin{aligned} \text{MIA} &= 25 \text{ mm} \\ \text{MTA} &= 45 \text{ mm} \\ C_{c \text{ min}} &= 941 - 25 = 916 \text{ mm} \\ C_{c \text{ max}} &= 941 + 45 = 986 \text{ mm} \end{aligned}$$

### 15 Belt tension

Refer to **tables 11 to 18** on **pages 64 to 71** to get the recommended tension values for selected belts or follow instruction in the tensioning section to calculate tension specifically for a drive.

Example:  
 $d = 190 \text{ mm}$   
 speed = 1 440 r/min  
 Belt section SPB  
 Tensioning method: SKF pen tester  
 Deflection force for a used run-in belt  
 = 5,5 kg  
 Deflection force for a new belt = 8,2 kg

# Service factors

Table 1

## Speed increase ratio

For speed increasing drives of

- Speed ratio 1,00–1,24 multiply service factor by 1,00
- Speed ratio 1,25–1,74 multiply service factor by 1,05
- Speed ratio 1,75–2,49 multiply service factor by 1,11
- Speed ratio 2,50–3,49 multiply service factor by 1,18
- Speed ratio 3,50 and over multiply service factor by 1,25

Table 2

## Types of prime mover

### Soft starts

Electric motors:

- AC – Star delta start
- DC – Shunt wound
- Internal combustion engines with 4 or more cylinders
- Prime movers fitted with centrifugal clutches, dry or fluid couplings or electronic soft start devices

### Heavy starts

Electric motors:

- AC – Direct-on-line start
- DC – Series and compound wound
- Internal combustion engines with less than 4 cylinders.
- Prime movers not fitted with soft start devices

Table 3

## Types of driven machinery

### Soft starts

Duty time h/day

10 and under    Over 10 to 16    Over 16

### Heavy starts

Duty time h/day

10 and under    Over 10 to 16    Over 16

|                             |  |     |     |     |     |     |     |
|-----------------------------|--|-----|-----|-----|-----|-----|-----|
| Class 1<br>Light duty       | Blowers, exhausters and fans (up to 7,5 kW), centrifugal compressors and pumps. Belt conveyors (uniformly loaded).   | 1,0 | 1,1 | 1,2 | 1,1 | 1,2 | 1,3 |
| Class 2<br>Medium duty      | Agitators (uniform density), blowers, exhausters and fans (over 7,5 kW). Rotary compressors and pumps (other than centrifugal). Belt conveyors (not uniformly loaded), generators and exciters, laundry machinery, lineshafts, machine tools, printing machinery, sawmill and woodworking machinery, screens (rotary). | 1,1 | 1,2 | 1,3 | 1,2 | 1,3 | 1,4 |
| Class 3<br>Heavy duty       | Agitators and mixers (variable density), brick machinery, bucket elevators, compressors and pumps (reciprocating), conveyors (heavy duty). Hoists, mills (hammer), pulverisers, punches, presses, shears, quarry plant, rubber machinery, screens (vibrating), textile machinery.                                      | 1,2 | 1,3 | 1,4 | 1,4 | 1,5 | 1,6 |
| Class 4<br>Extra heavy duty | Crushers (gyratory-jaw roll), mills (ball-rod-tube).   | 1,3 | 1,4 | 1,5 | 1,5 | 1,6 | 1,8 |



# Belt cross section

Diagram 1

## Classical belts

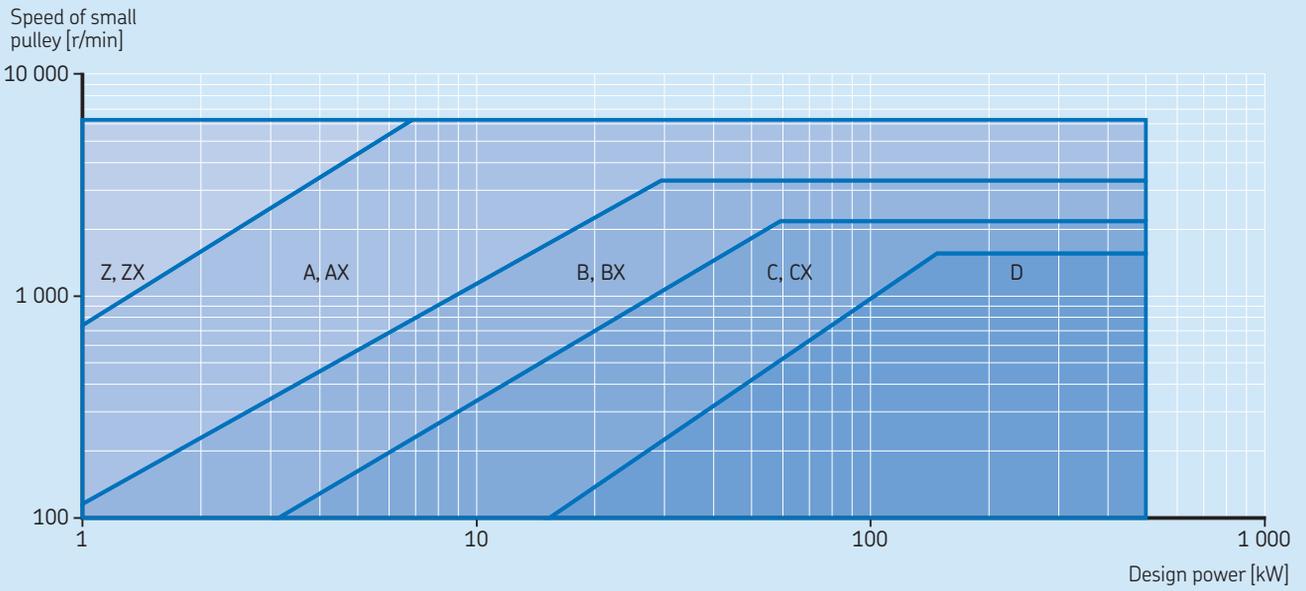
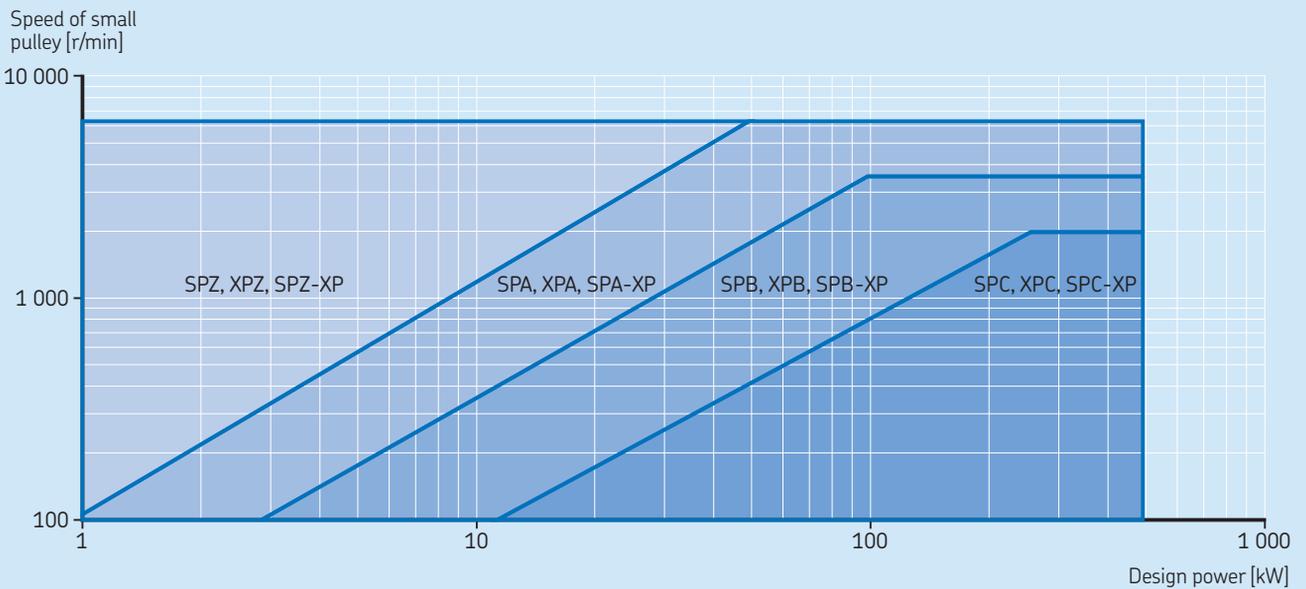
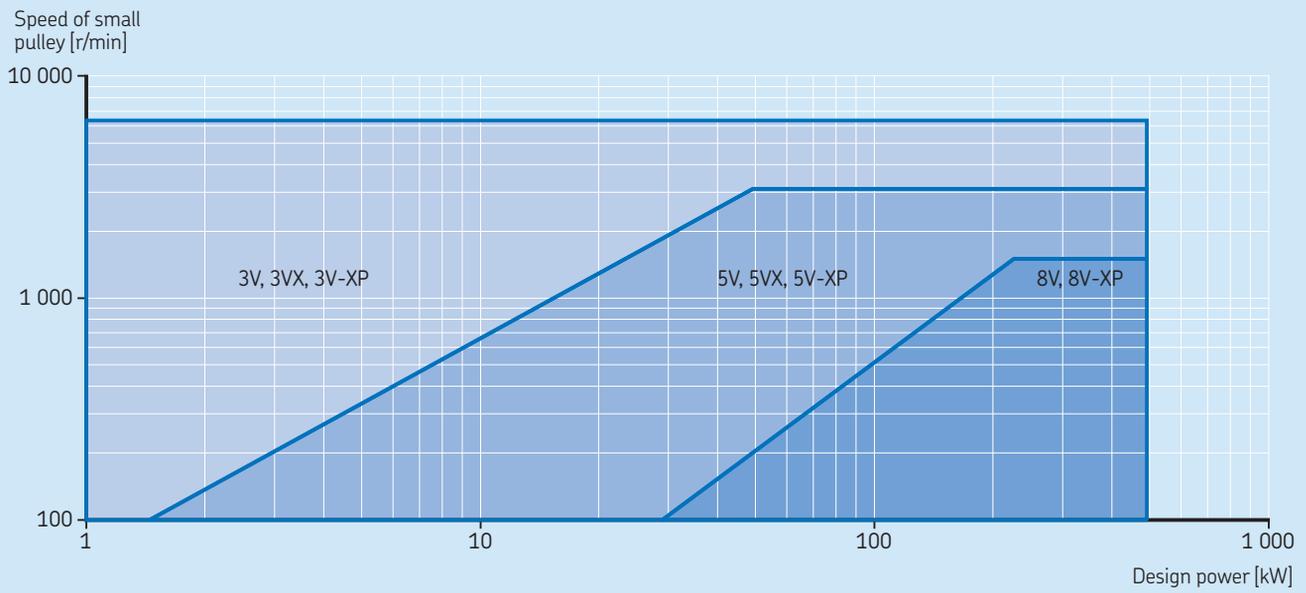


Diagram 2

## Wedge belts



## Narrow wedge belts





Centre distances  
Section SPA/SPA-XP/XPA

Table 4a

| Speed ratio | Datum diameter of pulleys |        | Belt length |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------|---------------------------|--------|-------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             | Driver                    | Driven | 800         | 900 | 1 000 | 1 120 | 1 250 | 1 400 | 1 600 | 1 800 | 2 000 | 2 240 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 |
| –           | mm                        |        | mm          |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 1,00        | *80                       | *80    | 274         | 324 | 374   | 434   | 499   | 574   | 666   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,00        | *85                       | *85    | 266         | 316 | 366   | 426   | 491   | 566   | 666   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,00        | 90                        | 90     | 259         | 309 | 359   | 419   | 484   | 559   | 659   | 759   | 859   | 979   | 1 109 | 1 259 | 1 434 | 1 634 | 1 859 | 2 109 |
| 1,00        | 95                        | 95     | 251         | 301 | 351   | 411   | 476   | 551   | 651   | 751   | 851   | 971   | 1 101 | 1 251 | 1 426 | 1 626 | 1 851 | 2 101 |
| 1,00        | 100                       | 100    | 243         | 293 | 343   | 403   | 468   | 543   | 643   | 743   | 843   | 963   | 1 093 | 1 243 | 1 418 | 1 618 | 1 843 | 2 093 |
| 1,00        | 106                       | 106    | 233         | 283 | 333   | 393   | 458   | 533   | 633   | 733   | 833   | 953   | 1 083 | 1 233 | 1 408 | 1 608 | 1 833 | 2 083 |
| 1,00        | 112                       | 112    | 224         | 274 | 324   | 384   | 449   | 524   | 624   | 724   | 824   | 944   | 1 074 | 1 224 | 1 399 | 1 599 | 1 824 | 2 074 |
| 1,00        | 118                       | 118    | 215         | 265 | 315   | 375   | 440   | 515   | 615   | 715   | 815   | 935   | 1 065 | 1 215 | 1 390 | 1 590 | 1 815 | 2 065 |
| 1,00        | 125                       | 125    | 204         | 254 | 304   | 364   | 429   | 504   | 604   | 704   | 804   | 924   | 1 054 | 1 204 | 1 379 | 1 579 | 1 804 | 2 054 |
| 1,00        | 132                       | 132    | 193         | 243 | 293   | 353   | 418   | 493   | 593   | 693   | 793   | 913   | 1 043 | 1 193 | 1 368 | 1 568 | 1 793 | 2 043 |
| 1,00        | 140                       | 140    | 180         | 230 | 280   | 340   | 405   | 480   | 580   | 680   | 780   | 900   | 1 030 | 1 180 | 1 355 | 1 555 | 1 780 | 2 030 |
| 1,00        | 150                       | 150    | –           | 214 | 264   | 324   | 389   | 464   | 564   | 664   | 764   | 884   | 1 014 | 1 164 | 1 339 | 1 539 | 1 764 | 2 014 |
| 1,00        | 160                       | 160    | –           | 199 | 249   | 309   | 374   | 449   | 549   | 649   | 749   | 869   | 999   | 1 149 | 1 324 | 1 524 | 1 749 | 1 999 |
| 1,00        | 180                       | 180    | –           | –   | 217   | 277   | 342   | 417   | 517   | 617   | 717   | 837   | 967   | 1 117 | 1 292 | 1 492 | 1 717 | 1 967 |
| 1,00        | 200                       | 200    | –           | –   | –     | 246   | 311   | 386   | 486   | 586   | 686   | 806   | 936   | 1 086 | 1 261 | 1 461 | 1 686 | 1 936 |
| 1,05        | 95                        | 100    | 247         | 297 | 347   | 407   | 472   | 547   | 647   | 747   | 847   | 967   | 1 097 | 1 247 | 1 422 | 1 622 | 1 847 | 2 097 |
| 1,05        | 112                       | 118    | 219         | 269 | 319   | 379   | 444   | 519   | 619   | 719   | 819   | 939   | 1 069 | 1 219 | 1 394 | 1 594 | 1 819 | 2 069 |
| 1,06        | 90                        | 95     | 255         | 305 | 355   | 415   | 480   | 555   | 655   | 755   | 855   | 975   | 1 105 | 1 255 | 1 430 | 1 630 | 1 855 | 2 105 |
| 1,06        | 125                       | 132    | 198         | 248 | 298   | 358   | 423   | 498   | 598   | 698   | 798   | 918   | 1 048 | 1 198 | 1 373 | 1 573 | 1 798 | 2 048 |
| 1,06        | 106                       | 112    | 229         | 279 | 329   | 389   | 454   | 529   | 629   | 729   | 829   | 949   | 1 079 | 1 229 | 1 404 | 1 604 | 1 829 | 2 079 |
| 1,06        | *85                       | 90     | 263         | 313 | 363   | 423   | 488   | 563   | 663   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,06        | 118                       | 125    | 209         | 259 | 309   | 369   | 434   | 509   | 609   | 709   | 809   | 929   | 1 059 | 1 209 | 1 384 | 1 584 | 1 809 | 2 059 |
| 1,06        | 100                       | 106    | 238         | 288 | 338   | 398   | 463   | 538   | 638   | 738   | 838   | 958   | 1 088 | 1 238 | 1 413 | 1 613 | 1 838 | 2 088 |
| 1,06        | 132                       | 140    | 186         | 236 | 286   | 346   | 411   | 486   | 586   | 686   | 786   | 906   | 1 036 | 1 186 | 1 361 | 1 561 | 1 786 | 2 036 |
| 1,06        | *80                       | *85    | 270         | 320 | 370   | 430   | 495   | 570   | 670   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,07        | 150                       | 160    | –           | 206 | 256   | 316   | 381   | 456   | 557   | 657   | 757   | 877   | 1 007 | 1 157 | 1 332 | 1 532 | 1 757 | 2 007 |
| 1,07        | 140                       | 150    | 172         | 222 | 272   | 332   | 397   | 472   | 572   | 672   | 772   | 892   | 1 022 | 1 172 | 1 347 | 1 547 | 1 772 | 2 022 |
| 1,11        | 90                        | 100    | 251         | 301 | 351   | 411   | 476   | 551   | 651   | 751   | 851   | 971   | 1 101 | 1 251 | 1 426 | 1 626 | 1 851 | 2 101 |
| 1,11        | 180                       | 200    | –           | –   | –     | 261   | 326   | 401   | 501   | 601   | 701   | 821   | 951   | 1 101 | 1 277 | 1 477 | 1 702 | 1 952 |
| 1,11        | 106                       | 118    | 224         | 274 | 324   | 384   | 449   | 524   | 624   | 724   | 824   | 944   | 1 074 | 1 224 | 1 399 | 1 599 | 1 824 | 2 074 |
| 1,12        | 95                        | 106    | 242         | 292 | 342   | 402   | 467   | 542   | 642   | 742   | 842   | 962   | 1 092 | 1 242 | 1 417 | 1 617 | 1 842 | 2 092 |
| 1,12        | 112                       | 125    | 214         | 264 | 314   | 374   | 439   | 514   | 614   | 714   | 814   | 934   | 1 064 | 1 214 | 1 389 | 1 589 | 1 814 | 2 064 |
| 1,12        | *85                       | 95     | 259         | 309 | 359   | 419   | 484   | 559   | 659   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,12        | 118                       | 132    | 204         | 254 | 304   | 364   | 429   | 504   | 604   | 704   | 804   | 924   | 1 054 | 1 204 | 1 379 | 1 579 | 1 804 | 2 054 |
| 1,12        | 100                       | 112    | 233         | 283 | 333   | 393   | 458   | 533   | 633   | 733   | 833   | 953   | 1 083 | 1 233 | 1 408 | 1 608 | 1 833 | 2 083 |
| 1,12        | 125                       | 140    | 192         | 242 | 292   | 352   | 417   | 492   | 592   | 692   | 792   | 912   | 1 042 | 1 192 | 1 367 | 1 567 | 1 792 | 2 042 |
| 1,12        | 200                       | 224    | –           | –   | –     | –     | 292   | 367   | 467   | 567   | 667   | 787   | 917   | 1 067 | 1 242 | 1 442 | 1 667 | 1 917 |
| 1,13        | *80                       | 90     | 266         | 316 | 366   | 426   | 491   | 566   | 666   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,13        | 160                       | 180    | –           | 233 | 293   | 358   | 433   | 533   | 633   | 733   | 833   | 953   | 1 083 | 1 233 | 1 408 | 1 608 | 1 833 | 2 083 |
| 1,14        | 132                       | 150    | 178         | 228 | 278   | 338   | 403   | 478   | 578   | 678   | 778   | 898   | 1 028 | 1 178 | 1 353 | 1 553 | 1 778 | 2 028 |
| 1,14        | 140                       | 160    | –           | 214 | 264   | 324   | 389   | 464   | 564   | 664   | 764   | 884   | 1 014 | 1 164 | 1 339 | 1 539 | 1 764 | 2 014 |
| 1,18        | *85                       | 100    | 255         | 305 | 355   | 415   | 480   | 555   | 655   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,18        | 90                        | 106    | 246         | 296 | 346   | 406   | 471   | 546   | 646   | 746   | 846   | 966   | 1 096 | 1 246 | 1 421 | 1 621 | 1 846 | 2 096 |
| 1,18        | 112                       | 132    | 208         | 258 | 308   | 368   | 433   | 508   | 608   | 708   | 808   | 928   | 1 058 | 1 208 | 1 383 | 1 583 | 1 808 | 2 058 |
| 1,18        | 95                        | 112    | 237         | 287 | 337   | 397   | 462   | 537   | 637   | 737   | 837   | 957   | 1 087 | 1 237 | 1 412 | 1 612 | 1 837 | 2 087 |
| 1,18        | 106                       | 125    | 218         | 268 | 318   | 378   | 443   | 518   | 618   | 718   | 818   | 938   | 1 068 | 1 218 | 1 393 | 1 593 | 1 818 | 2 068 |
| 1,18        | 100                       | 118    | 229         | 279 | 329   | 389   | 454   | 529   | 629   | 729   | 829   | 949   | 1 079 | 1 229 | 1 404 | 1 604 | 1 829 | 2 079 |
| 1,19        | 118                       | 140    | 197         | 247 | 297   | 357   | 422   | 497   | 597   | 697   | 797   | 917   | 1 047 | 1 197 | 1 372 | 1 572 | 1 797 | 2 047 |
| 1,19        | *80                       | 95     | 262         | 312 | 362   | 422   | 487   | 563   | 663   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,20        | 125                       | 150    | 184         | 234 | 284   | 344   | 409   | 484   | 584   | 684   | 784   | 904   | 1 034 | 1 184 | 1 359 | 1 559 | 1 784 | 2 034 |
| 1,20        | 150                       | 180    | –           | 190 | 240   | 300   | 366   | 441   | 541   | 641   | 741   | 861   | 991   | 1 141 | 1 316 | 1 516 | 1 741 | 1 991 |
| 1,21        | 132                       | 160    | 170         | 220 | 270   | 330   | 395   | 470   | 570   | 671   | 771   | 891   | 1 021 | 1 171 | 1 346 | 1 546 | 1 771 | 2 021 |
| 1,24        | 95                        | 118    | 232         | 282 | 333   | 393   | 458   | 533   | 633   | 733   | 833   | 953   | 1 083 | 1 233 | 1 408 | 1 608 | 1 833 | 2 083 |
| 1,24        | 90                        | 112    | 241         | 291 | 341   | 401   | 466   | 541   | 641   | 741   | 841   | 961   | 1 091 | 1 241 | 1 416 | 1 616 | 1 841 | 2 091 |
| 1,24        | 180                       | 224    | –           | –   | –     | –     | 242   | 307   | 382   | 482   | 582   | 702   | 832   | 1 002 | 1 202 | 1 427 | 1 652 | 1 902 |
| 1,25        | 106                       | 132    | 213         | 263 | 313   | 373   | 438   | 513   | 613   | 713   | 813   | 933   | 1 063 | 1 213 | 1 388 | 1 588 | 1 813 | 2 063 |
| 1,25        | *85                       | 106    | 250         | 300 | 350   | 410   | 475   | 550   | 650   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,25        | *80                       | 100    | 258         | 308 | 358   | 419   | 484   | 559   | 659   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,25        | 100                       | 125    | 223         | 273 | 323   | 383   | 448   | 523   | 623   | 723   | 823   | 943   | 1 073 | 1 223 | 1 398 | 1 598 | 1 823 | 2 073 |
| 1,25        | 112                       | 140    | 202         | 252 | 302   | 362   | 427   | 502   | 602   | 702   | 802   | 922   | 1 052 | 1 202 | 1 377 | 1 577 | 1 802 | 2 052 |
| 1,25        | 160                       | 200    | –           | –   | –     | –     | 216   | 277   | 342   | 417   | 517   | 617   | 717   | 837   | 967   | 1 117 | 1 292 | 1 492 |
| 1,25        | 200                       | 250    | –           | –   | –     | –     | –     | 270   | 346   | 446   | 546   | 646   | 766   | 896   | 1 046 | 1 221 | 1 421 | 1 646 |
| 1,27        | 118                       | 150    | 189         | 239 | 289   | 349   | 414   | 489   | 589   | 689   | 789   | 909   | 1 039 | 1 189 | 1 364 | 1 564 | 1 789 | 2 039 |
| 1,28        | 125                       | 160    | 175         | 225 | 276   | 336   | 401   | 476   | 576   | 676   | 776   | 896   | 1 026 | 1 176 | 1 351 | 1 551 | 1 776 | 2 026 |
| 1,29        | 140                       | 180    | –           | 198 | 248   | 308   | 373   | 448   | 548   | 648   | 748   | 868   | 998   | 1 148 | 1 324 | 1 524 | 1 749 | 1 999 |
| 1,31        | 90                        | 118    | 236         | 286 | 336   | 396   | 461   | 536   | 636   | 737   | 837   | 957   | 1 087 | 1 237 | 1 412 | 1 612 | 1 837 | 2 087 |
| 1,32        | 95                        | 125    | 227         | 277 | 327   | 387   | 452   | 527   | 627   | 727   | 827   | 947   | 1 077 | 1 227 | 1 402 | 1 602 | 1 827 | 2 077 |
| 1,32        | *85                       | 112    | 245         | 295 | 345   | 405   | 470   | 545   | 645   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,32        | 100                       | 132    | 217         | 267 | 317   | 377   | 442   | 518   | 618   | 718   | 818   | 938   | 1 068 | 1 218 | 1 393 | 1 593 | 1 818 | 2 068 |
| 1,32        | 106                       | 140    | 206         | 256 | 306   | 366   | 431   | 507   | 607   | 707   | 807   | 927   | 1 057 | 1 207 | 1 382 | 1 582 | 1 807 | 2 057 |
| 1,32        | *80                       | 106    | 254         | 304 | 354   | 414   | 479   | 554   | 654   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,33        | 150                       | 200    | –           | –   | –     | –     | 224   | 284   | 349   | 424   | 525   | 625   | 725   | 845   | 975   | 1 125 | 1 300 | 1 500 |
| 1,34        | 112                       | 150    | 193         | 243 | 294   | 354   | 419   | 494   | 594   | 694   | 794   | 914   | 1 044 | 1 194 | 1 369 | 1 569 | 1 794 | 2 044 |
| 1,36        | 118                       | 160    | 180         | 231 | 281   | 341   | 406   |       |       |       |       |       |       |       |       |       |       |       |

# Centre distances

## Section SPA/SPA-XP/XPA

Table 4b

1

| Speed ratio | Datum diameter of pulleys |        | Belt length |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------|---------------------------|--------|-------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             | Driver                    | Driven | 800         | 900 | 1 000 | 1 120 | 1 250 | 1 400 | 1 600 | 1 800 | 2 000 | 2 240 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 |
| –           | mm                        |        | mm          |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 1,39        | *85                       | 118    | 240         | 290 | 340   | 400   | 465   | 540   | 640   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,39        | 90                        | 125    | 230         | 281 | 331   | 391   | 456   | 531   | 631   | 731   | 831   | 951   | 1 081 | 1 231 | 1 406 | 1 606 | 1 831 | 2 081 |
| 1,39        | 180                       | 250    | –           | –   | –     | –     | 285   | 361   | 461   | 561   | 661   | 781   | 912   | 1 062 | 1 237 | 1 437 | 1 662 | 1 912 |
| 1,39        | 95                        | 132    | 221         | 271 | 321   | 381   | 446   | 521   | 621   | 721   | 822   | 942   | 1 072 | 1 222 | 1 397 | 1 597 | 1 822 | 2 072 |
| 1,40        | *80                       | 112    | 249         | 299 | 349   | 409   | 474   | 549   | 649   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,40        | 100                       | 140    | 211         | 261 | 311   | 371   | 436   | 511   | 611   | 711   | 811   | 931   | 1 061 | 1 211 | 1 386 | 1 586 | 1 811 | 2 061 |
| 1,40        | 160                       | 224    | –           | –   | –     | 256   | 322   | 397   | 497   | 598   | 698   | 818   | 948   | 1 098 | 1 273 | 1 473 | 1 698 | 1 948 |
| 1,40        | 200                       | 280    | –           | –   | –     | –     | –     | 321   | 421   | 521   | 622   | 742   | 872   | 1 022 | 1 197 | 1 397 | 1 623 | 1 873 |
| 1,42        | 106                       | 150    | 198         | 248 | 298   | 358   | 423   | 498   | 599   | 699   | 799   | 919   | 1 049 | 1 199 | 1 374 | 1 574 | 1 799 | 2 049 |
| 1,43        | 112                       | 160    | 185         | 235 | 285   | 346   | 411   | 486   | 586   | 686   | 786   | 906   | 1 036 | 1 186 | 1 361 | 1 561 | 1 786 | 2 036 |
| 1,43        | 140                       | 200    | –           | –   | 231   | 291   | 357   | 432   | 532   | 632   | 732   | 852   | 983   | 1 133 | 1 308 | 1 508 | 1 733 | 1 983 |
| 1,44        | 125                       | 180    | –           | 209 | 259   | 319   | 384   | 460   | 560   | 660   | 760   | 880   | 1 010 | 1 160 | 1 335 | 1 535 | 1 760 | 2 010 |
| 1,47        | 90                        | 132    | 225         | 275 | 325   | 385   | 450   | 525   | 625   | 725   | 825   | 945   | 1 075 | 1 225 | 1 400 | 1 601 | 1 826 | 2 076 |
| 1,47        | *85                       | 125    | 234         | 284 | 334   | 395   | 460   | 535   | 635   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,47        | 95                        | 140    | 214         | 264 | 315   | 375   | 440   | 515   | 615   | 715   | 815   | 935   | 1 065 | 1 215 | 1 390 | 1 590 | 1 815 | 2 065 |
| 1,47        | *80                       | 118    | 244         | 294 | 344   | 404   | 469   | 544   | 644   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,49        | 150                       | 224    | –           | –   | –     | 264   | 329   | 405   | 505   | 605   | 705   | 825   | 956   | 1 106 | 1 281 | 1 481 | 1 706 | 1 956 |
| 1,50        | 100                       | 150    | 202         | 252 | 303   | 363   | 428   | 503   | 603   | 703   | 803   | 923   | 1 053 | 1 203 | 1 378 | 1 578 | 1 803 | 2 053 |
| 1,51        | 106                       | 160    | 189         | 240 | 290   | 350   | 415   | 490   | 590   | 691   | 791   | 911   | 1 041 | 1 191 | 1 366 | 1 566 | 1 791 | 2 041 |
| 1,52        | 132                       | 200    | –           | 186 | 237   | 297   | 363   | 438   | 538   | 638   | 738   | 859   | 989   | 1 139 | 1 314 | 1 514 | 1 739 | 1 989 |
| 1,53        | 118                       | 180    | –           | 214 | 264   | 324   | 390   | 465   | 565   | 665   | 765   | 885   | 1 015 | 1 166 | 1 341 | 1 541 | 1 766 | 2 016 |
| 1,55        | *85                       | 132    | 228         | 279 | 329   | 389   | 454   | 529   | 629   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,56        | 90                        | 140    | 218         | 268 | 318   | 379   | 444   | 519   | 619   | 719   | 819   | 939   | 1 069 | 1 219 | 1 394 | 1 594 | 1 819 | 2 069 |
| 1,56        | 180                       | 280    | –           | –   | –     | –     | 259   | 335   | 436   | 536   | 637   | 757   | 887   | 1 038 | 1 213 | 1 413 | 1 638 | 1 888 |
| 1,56        | *80                       | 125    | 238         | 288 | 338   | 398   | 463   | 539   | 639   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,56        | 160                       | 250    | –           | –   | –     | 234   | 300   | 375   | 476   | 576   | 676   | 797   | 927   | 1 077 | 1 252 | 1 452 | 1 677 | 1 927 |
| 1,57        | 200                       | 315    | –           | –   | –     | –     | –     | 290   | 391   | 492   | 593   | 713   | 844   | 994   | 1 169 | 1 369 | 1 594 | 1 845 |
| 1,58        | 95                        | 150    | 206         | 256 | 306   | 367   | 432   | 507   | 607   | 707   | 807   | 927   | 1 057 | 1 207 | 1 382 | 1 582 | 1 807 | 2 057 |
| 1,60        | 100                       | 160    | 193         | 244 | 294   | 355   | 420   | 495   | 595   | 695   | 795   | 915   | 1 045 | 1 195 | 1 370 | 1 571 | 1 796 | 2 046 |
| 1,60        | 125                       | 200    | –           | 191 | 242   | 302   | 368   | 443   | 543   | 644   | 744   | 864   | 994   | 1 144 | 1 319 | 1 519 | 1 744 | 1 994 |
| 1,60        | 140                       | 224    | –           | –   | 210   | 271   | 336   | 412   | 512   | 613   | 713   | 833   | 963   | 1 113 | 1 288 | 1 489 | 1 714 | 1 964 |
| 1,61        | 112                       | 180    | 167         | 218 | 269   | 329   | 394   | 469   | 570   | 670   | 770   | 890   | 1 020 | 1 170 | 1 345 | 1 545 | 1 770 | 2 020 |
| 1,65        | *85                       | 140    | 222         | 272 | 322   | 382   | 447   | 523   | 623   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,65        | *80                       | 132    | 232         | 282 | 332   | 393   | 458   | 533   | 633   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,67        | 90                        | 150    | 209         | 260 | 310   | 370   | 435   | 511   | 611   | 711   | 811   | 931   | 1 061 | 1 211 | 1 386 | 1 586 | 1 811 | 2 061 |
| 1,67        | 150                       | 250    | –           | –   | –     | 241   | 307   | 383   | 483   | 584   | 684   | 804   | 935   | 1 085 | 1 260 | 1 460 | 1 685 | 1 935 |
| 1,68        | 95                        | 160    | 197         | 248 | 298   | 358   | 423   | 499   | 599   | 699   | 799   | 919   | 1 049 | 1 199 | 1 374 | 1 574 | 1 799 | 2 049 |
| 1,69        | 118                       | 200    | –           | 196 | 247   | 308   | 373   | 448   | 549   | 649   | 749   | 869   | 999   | 1 150 | 1 325 | 1 525 | 1 750 | 2 000 |
| 1,70        | 132                       | 224    | –           | –   | 215   | 277   | 342   | 418   | 518   | 619   | 719   | 839   | 969   | 1 119 | 1 295 | 1 495 | 1 720 | 1 970 |
| 1,70        | 106                       | 180    | 171         | 222 | 273   | 333   | 399   | 474   | 574   | 674   | 774   | 895   | 1 025 | 1 175 | 1 350 | 1 550 | 1 775 | 2 025 |
| 1,75        | *80                       | 140    | 225         | 276 | 326   | 386   | 451   | 526   | 626   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,75        | 160                       | 280    | –           | –   | –     | –     | 273   | 349   | 450   | 551   | 652   | 772   | 902   | 1 053 | 1 228 | 1 428 | 1 653 | 1 903 |
| 1,75        | 180                       | 315    | –           | –   | –     | –     | –     | 304   | 406   | 507   | 607   | 728   | 859   | 1 009 | 1 184 | 1 385 | 1 610 | 1 860 |
| 1,76        | *85                       | 150    | 213         | 263 | 314   | 374   | 439   | 514   | 615   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,78        | 90                        | 160    | 201         | 251 | 302   | 362   | 427   | 502   | 603   | 703   | 803   | 923   | 1 053 | 1 203 | 1 378 | 1 578 | 1 803 | 2 053 |
| 1,79        | 112                       | 200    | –           | 200 | 251   | 312   | 377   | 453   | 553   | 653   | 754   | 874   | 1 004 | 1 154 | 1 329 | 1 529 | 1 754 | 2 004 |
| 1,79        | 140                       | 250    | –           | –   | 248   | 314   | 390   | 491   | 591   | 692   | 792   | 912   | 1 042 | 1 192 | 1 367 | 1 567 | 1 792 | 2 042 |
| 1,79        | 125                       | 224    | –           | –   | 220   | 282   | 347   | 423   | 524   | 624   | 724   | 844   | 975   | 1 125 | 1 300 | 1 500 | 1 725 | 1 975 |
| 1,80        | 100                       | 180    | 176         | 227 | 277   | 338   | 403   | 478   | 579   | 679   | 779   | 899   | 1 029 | 1 179 | 1 354 | 1 555 | 1 780 | 2 030 |
| 1,87        | 150                       | 280    | –           | –   | –     | –     | 280   | 356   | 458   | 558   | 659   | 780   | 910   | 1 060 | 1 236 | 1 436 | 1 661 | 1 911 |
| 1,88        | *80                       | 150    | 217         | 267 | 317   | 378   | 443   | 518   | 618   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,88        | *85                       | 160    | 204         | 255 | 305   | 366   | 431   | 506   | 606   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 1,89        | 106                       | 200    | –           | 204 | 255   | 316   | 382   | 457   | 558   | 658   | 758   | 878   | 1 009 | 1 159 | 1 334 | 1 534 | 1 759 | 2 009 |
| 1,89        | 132                       | 250    | –           | –   | –     | 253   | 320   | 396   | 496   | 597   | 697   | 818   | 948   | 1 098 | 1 274 | 1 474 | 1 699 | 1 949 |
| 1,89        | 95                        | 180    | 179         | 230 | 281   | 341   | 407   | 482   | 582   | 683   | 783   | 903   | 1 033 | 1 183 | 1 358 | 1 558 | 1 784 | 2 034 |
| 1,90        | 118                       | 224    | –           | –   | 225   | 286   | 352   | 428   | 529   | 629   | 729   | 850   | 980   | 1 130 | 1 305 | 1 505 | 1 731 | 1 981 |
| 1,97        | 160                       | 315    | –           | –   | –     | –     | –     | 317   | 420   | 521   | 622   | 743   | 873   | 1 024 | 1 199 | 1 400 | 1 625 | 1 875 |
| 2,00        | *80                       | 160    | 208         | 258 | 309   | 369   | 435   | 510   | 610   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 2,00        | 90                        | 180    | 182         | 234 | 284   | 345   | 410   | 486   | 586   | 686   | 787   | 907   | 1 037 | 1 187 | 1 362 | 1 562 | 1 787 | 2 037 |
| 2,00        | 100                       | 200    | –           | 208 | 260   | 320   | 386   | 462   | 562   | 662   | 763   | 883   | 1 013 | 1 163 | 1 338 | 1 539 | 1 764 | 2 014 |
| 2,00        | 112                       | 224    | –           | –   | 229   | 291   | 357   | 432   | 533   | 634   | 734   | 854   | 985   | 1 135 | 1 310 | 1 510 | 1 735 | 1 985 |
| 2,00        | 125                       | 250    | –           | –   | –     | 258   | 324   | 401   | 502   | 602   | 703   | 823   | 953   | 1 104 | 1 279 | 1 479 | 1 704 | 1 954 |
| 2,00        | 140                       | 280    | –           | –   | –     | –     | 287   | 363   | 465   | 566   | 666   | 787   | 917   | 1 068 | 1 243 | 1 443 | 1 669 | 1 919 |
| 2,00        | 200                       | 400    | –           | –   | –     | –     | –     | –     | 417   | 519   | 641   | 772   | 903   | 1 053 | 1 228 | 1 428 | 1 653 | 1 903 |
| 2,10        | 150                       | 315    | –           | –   | –     | –     | –     | 324   | 427   | 528   | 629   | 750   | 881   | 1 031 | 1 207 | 1 407 | 1 633 | 1 883 |
| 2,11        | 95                        | 200    | –           | 212 | 263   | 324   | 390   | 465   | 566   | 666   | 767   | 887   | 1 017 | 1 167 | 1 342 | 1 542 | 1 767 | 2 017 |
| 2,11        | 106                       | 224    | –           | –   | 233   | 295   | 361   | 437   | 538   | 638   | 738   | 859   | 989   | 1 139 | 1 314 | 1 515 | 1 740 | 1 990 |
| 2,12        | *85                       | 180    | 186         | 237 | 288   | 349   | 414   | 490   | 590   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 2,12        | 118                       | 250    | –           | –   | –     | 263   | 329   | 406   | 507   | 607   | 708   | 828   | 959   | 1 109 | 1 284 | 1 485 | 1 710 | 1 960 |
| 2,12        | 132                       | 280    | –           | –   | –     | –     | 292   | 369   | 471   | 572   | 672   | 793   | 923   | 1 074 | 1 249 | 1 450 | 1 675 | 1 925 |
| 2,22        | 90                        | 200    | –           | 215 | 267   | 328   | 393   | 469   | 570   | 670   | 770   | 891   | 1 021 | 1 171 | 1 346 | 1 546 | 1 771 | 2 021 |
| 2,22        | 180                       | 400    | –           | –   | –     | –     | –     | –     | 326   | 430   | 533   | 655   | 787   | 938   | 1 114 | 1 315 | 1 541 | 1 791 |
| 2,23        | 112                       | 250    | –           | –   | 204   | 267   | 334   | 410   | 511   | 612   | 712   | 833   | 963   | 1 114 | 1 289 | 1 489 | 1 714 | 1 964 |
| 2,24        | 100                       | 224    | –           | 185 | 237   | 299   | 365   | 441   | 542   | 643   | 743   | 863   | 994   | 1 144 | 1 319 | 1 519 | 1 744 | 1 995 |
| 2,24        | 125                       | 280    | –           | –   | –     | 229   | 297   | 374   | 476   | 577   | 677   | 798   | 92    |       |       |       |       |       |

Centre distances  
Section SPA/SPA-XP/XPA

Table 4c

| Speed ratio | Datum diameter of pulleys |        | Belt length |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------|---------------------------|--------|-------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             | Driver                    | Driven | 800         | 900 | 1 000 | 1 120 | 1 250 | 1 400 | 1 600 | 1 800 | 2 000 | 2 240 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 |
| –           | mm                        |        | mm          |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 2,25        | *80                       | 180    | 189         | 241 | 292   | 352   | 418   | 493   | 594   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 2,25        | 140                       | 315    | –           | –   | –     | –     | 252   | 331   | 434   | 535   | 637   | 758   | 888   | 1 039 | 1 214 | 1 415 | 1 640 | 1 891 |
| 2,35        | *85                       | 200    | 166         | 219 | 270   | 331   | 397   | 473   | 573   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 2,36        | 95                        | 224    | –           | 188 | 241   | 303   | 369   | 445   | 546   | 646   | 747   | 867   | 997   | 1 148 | 1 323 | 1 523 | 1 748 | 1 998 |
| 2,36        | 106                       | 250    | –           | –   | 208   | 271   | 338   | 414   | 515   | 616   | 717   | 837   | 968   | 1 118 | 1 293 | 1 494 | 1 719 | 1 969 |
| 2,37        | 118                       | 280    | –           | –   | –     | 233   | 302   | 379   | 481   | 582   | 683   | 803   | 934   | 1 084 | 1 260 | 1 460 | 1 685 | 1 936 |
| 2,39        | 132                       | 315    | –           | –   | –     | –     | 258   | 336   | 439   | 541   | 642   | 763   | 894   | 1 045 | 1 220 | 1 421 | 1 646 | 1 897 |
| 2,49        | 90                        | 224    | –           | 192 | 244   | 306   | 372   | 448   | 549   | 650   | 750   | 871   | 1 001 | 1 151 | 1 327 | 1 527 | 1 752 | 2 002 |
| 2,50        | *80                       | 200    | 169         | 222 | 274   | 335   | 401   | 476   | 577   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 2,50        | 100                       | 250    | –           | –   | 212   | 275   | 342   | 418   | 520   | 621   | 721   | 842   | 972   | 1 123 | 1 298 | 1 498 | 1 723 | 1 974 |
| 2,50        | 112                       | 280    | –           | –   | –     | 237   | 306   | 383   | 485   | 586   | 687   | 808   | 938   | 1 089 | 1 264 | 1 465 | 1 690 | 1 940 |
| 2,50        | 160                       | 400    | –           | –   | –     | –     | –     | –     | 339   | 444   | 547   | 669   | 801   | 953   | 1 129 | 1 330 | 1 556 | 1 806 |
| 2,50        | 200                       | 500    | –           | –   | –     | –     | –     | –     | –     | –     | 424   | 550   | 684   | 837   | 1 014 | 1 216 | 1 442 | 1 694 |
| 2,52        | 125                       | 315    | –           | –   | –     | –     | 262   | 341   | 444   | 546   | 647   | 769   | 899   | 1 050 | 1 226 | 1 426 | 1 652 | 1 902 |
| 2,63        | 95                        | 250    | –           | –   | 215   | 278   | 345   | 422   | 523   | 624   | 725   | 845   | 976   | 1 126 | 1 302 | 1 502 | 1 727 | 1 978 |
| 2,64        | *85                       | 224    | –           | 195 | 248   | 310   | 376   | 452   | 553   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 2,64        | 106                       | 280    | –           | –   | 241   | 310   | 387   | 489   | 590   | 691   | 812   | 943   | 1 093 | 1 269 | 1 469 | 1 695 | 1 945 | –     |
| 2,67        | 150                       | 400    | –           | –   | –     | –     | –     | 345   | 451   | 554   | 676   | 808   | 960   | 1 136 | 1 337 | 1 563 | 1 814 | –     |
| 2,67        | 118                       | 315    | –           | –   | –     | –     | 267   | 346   | 449   | 551   | 652   | 774   | 905   | 1 055 | 1 231 | 1 432 | 1 657 | 1 907 |
| 2,78        | 90                        | 250    | –           | –   | 218   | 282   | 349   | 425   | 527   | 628   | 729   | 849   | 980   | 1 130 | 1 306 | 1 506 | 1 731 | 1 981 |
| 2,78        | 180                       | 500    | –           | –   | –     | –     | –     | –     | –     | 437   | 563   | 698   | 851   | 1 028 | 1 231 | 1 457 | 1 708 | –     |
| 2,80        | *80                       | 224    | –           | 198 | 251   | 313   | 379   | 456   | 557   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 2,80        | 100                       | 280    | –           | –   | 245   | 314   | 391   | 493   | 595   | 696   | 817   | 947   | 1 098 | 1 273 | 1 474 | 1 699 | 1 949 | –     |
| 2,81        | 112                       | 315    | –           | –   | –     | –     | 271   | 350   | 453   | 555   | 657   | 778   | 909   | 1 060 | 1 235 | 1 436 | 1 662 | 1 912 |
| 2,86        | 140                       | 400    | –           | –   | –     | –     | –     | –     | 352   | 457   | 561   | 684   | 816   | 967   | 1 143 | 1 345 | 1 571 | 1 821 |
| 2,94        | *85                       | 250    | –           | –   | 222   | 285   | 352   | 429   | 530   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 2,95        | 95                        | 280    | –           | –   | –     | 248   | 317   | 395   | 497   | 598   | 699   | 820   | 951   | 1 102 | 1 277 | 1 478 | 1 703 | 1 953 |
| 2,97        | 106                       | 315    | –           | –   | –     | –     | 274   | 354   | 457   | 560   | 661   | 782   | 913   | 1 064 | 1 240 | 1 441 | 1 666 | 1 916 |
| 3,03        | 132                       | 400    | –           | –   | –     | –     | –     | –     | 357   | 463   | 566   | 689   | 821   | 973   | 1 149 | 1 351 | 1 576 | 1 827 |
| 3,11        | 90                        | 280    | –           | –   | –     | 251   | 320   | 398   | 500   | 602   | 703   | 824   | 955   | 1 105 | 1 281 | 1 481 | 1 707 | 1 957 |
| 3,13        | *80                       | 250    | –           | –   | 225   | 288   | 356   | 432   | 534   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 3,13        | 160                       | 500    | –           | –   | –     | –     | –     | –     | –     | 449   | 577   | 711   | 865   | 1 043 | 1 245 | 1 472 | 1 723 | –     |
| 3,15        | 100                       | 315    | –           | –   | –     | –     | 278   | 358   | 462   | 564   | 665   | 787   | 918   | 1 069 | 1 244 | 1 445 | 1 671 | 1 921 |
| 3,15        | 200                       | 630    | –           | –   | –     | –     | –     | –     | –     | –     | –     | –     | 557   | 716   | 897   | 1 102 | 1 331 | 1 584 |
| 3,20        | 125                       | 400    | –           | –   | –     | –     | –     | –     | 362   | 467   | 571   | 694   | 826   | 978   | 1 154 | 1 356 | 1 582 | 1 833 |
| 3,29        | *85                       | 280    | –           | –   | –     | 255   | 324   | 401   | 504   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 3,32        | 95                        | 315    | –           | –   | –     | –     | 281   | 361   | 465   | 567   | 669   | 790   | 921   | 1 072 | 1 248 | 1 449 | 1 674 | 1 925 |
| 3,33        | 150                       | 500    | –           | –   | –     | –     | –     | –     | –     | 345   | 456   | 583   | 718   | 872   | 1 050 | 1 252 | 1 479 | 1 731 |
| 3,39        | 118                       | 400    | –           | –   | –     | –     | –     | –     | 366   | 472   | 576   | 699   | 831   | 983   | 1 160 | 1 361 | 1 587 | 1 838 |
| 3,50        | *80                       | 280    | –           | –   | –     | 258   | 327   | 405   | 507   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 3,50        | 90                        | 315    | –           | –   | –     | –     | 285   | 365   | 468   | 571   | 673   | 794   | 925   | 1 076 | 1 252 | 1 453 | 1 678 | 1 929 |
| 3,50        | 180                       | 630    | –           | –   | –     | –     | –     | –     | –     | –     | –     | –     | 569   | 729   | 911   | 1 116 | 1 345 | 1 598 |
| 3,57        | 112                       | 400    | –           | –   | –     | –     | –     | –     | 370   | 476   | 580   | 703   | 835   | 987   | 1 164 | 1 365 | 1 591 | 1 842 |
| 3,57        | 140                       | 500    | –           | –   | –     | –     | –     | –     | –     | 351   | 462   | 590   | 725   | 879   | 1 057 | 1 259 | 1 486 | 1 738 |
| 3,71        | *85                       | 315    | –           | –   | –     | –     | 288   | 368   | 472   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 3,77        | 106                       | 400    | –           | –   | –     | –     | –     | –     | 374   | 480   | 584   | 707   | 840   | 992   | 1 168 | 1 370 | 1 596 | 1 847 |
| 3,79        | 132                       | 500    | –           | –   | –     | –     | –     | –     | –     | 356   | 467   | 595   | 730   | 884   | 1 063 | 1 265 | 1 492 | 1 744 |
| 3,94        | *80                       | 315    | –           | –   | –     | 218   | 291   | 371   | 475   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 3,94        | 160                       | 630    | –           | –   | –     | –     | –     | –     | –     | –     | –     | 436   | 582   | 742   | 925   | 1 130 | 1 359 | 1 612 |
| 4,00        | 100                       | 400    | –           | –   | –     | –     | –     | –     | 377   | 484   | 588   | 711   | 844   | 996   | 1 173 | 1 374 | 1 600 | 1 851 |
| 4,00        | 125                       | 500    | –           | –   | –     | –     | –     | –     | –     | 360   | 472   | 600   | 735   | 889   | 1 068 | 1 270 | 1 497 | 1 749 |
| 4,20        | 150                       | 630    | –           | –   | –     | –     | –     | –     | –     | –     | –     | 442   | 588   | 749   | 931   | 1 137 | 1 366 | 1 620 |
| 4,21        | 95                        | 400    | –           | –   | –     | –     | –     | 268   | 381   | 487   | 592   | 715   | 848   | 1 000 | 1 176 | 1 378 | 1 604 | 1 855 |
| 4,24        | 118                       | 500    | –           | –   | –     | –     | –     | –     | –     | 365   | 476   | 604   | 740   | 894   | 1 073 | 1 275 | 1 502 | 1 754 |
| 4,44        | 90                        | 400    | –           | –   | –     | –     | –     | 271   | 384   | 491   | 595   | 718   | 851   | 1 003 | 1 180 | 1 381 | 1 608 | 1 859 |
| 4,46        | 112                       | 500    | –           | –   | –     | –     | –     | –     | –     | 368   | 480   | 608   | 744   | 898   | 1 077 | 1 280 | 1 507 | 1 759 |
| 4,50        | 140                       | 630    | –           | –   | –     | –     | –     | –     | –     | –     | –     | 448   | 595   | 756   | 938   | 1 144 | 1 373 | 1 627 |
| 4,71        | *85                       | 400    | –           | –   | –     | –     | –     | 274   | 387   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 4,72        | 106                       | 500    | –           | –   | –     | –     | –     | –     | –     | 372   | 484   | 612   | 748   | 903   | 1 081 | 1 284 | 1 511 | 1 763 |
| 4,77        | 132                       | 630    | –           | –   | –     | –     | –     | –     | –     | –     | –     | 453   | 600   | 761   | 944   | 1 150 | 1 379 | 1 633 |
| 5,00        | *80                       | 400    | –           | –   | –     | –     | –     | 277   | 390   | –     | –     | –     | –     | –     | –     | –     | –     | –     |
| 5,00        | 100                       | 500    | –           | –   | –     | –     | –     | –     | –     | 375   | 488   | 616   | 752   | 907   | 1 085 | 1 288 | 1 516 | 1 767 |
| 5,04        | 125                       | 630    | –           | –   | –     | –     | –     | –     | –     | –     | –     | 457   | 604   | 765   | 948   | 1 154 | 1 384 | 1 638 |
| 5,26        | 95                        | 500    | –           | –   | –     | –     | –     | –     | –     | 379   | 491   | 620   | 756   | 910   | 1 089 | 1 292 | 1 519 | 1 771 |
| 5,34        | 118                       | 630    | –           | –   | –     | –     | –     | –     | –     | –     | –     | 462   | 609   | 770   | 953   | 1 159 | 1 389 | 1 643 |
| 5,56        | 90                        | 500    | –           | –   | –     | –     | –     | –     | –     | 382   | 494   | 623   | 759   | 914   | 1 092 | 1 295 | 1 523 | 1 775 |
| 5,63        | 112                       | 630    | –           | –   | –     | –     | –     | –     | –     | –     | –     | 465   | 612   | 774   | 957   | 1 163 | 1 393 | 1 647 |
| 5,71        | 140                       | 800    | –           | –   | –     | –     | –     | –     | –     | –     | –     | –     | –     | 565   | 766   | 981   | 1 217 | 1 475 |
| 5,94        | 106                       | 630    | –           | –   | –     | –     | –     | –     | –     | –     | –     | 469   | 616   | 778   | 961   | 1 168 | 1 397 | 1 651 |

SKF Cogged Raw Edge Wedge Belts are available up to 3 550 mm length only.  
\*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

# Centre distances

## Section SPB/SPB-XP/XPB

Table 4d

1

| Speed ratio | Datum diameter of pulleys |        | Belt length |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |   |
|-------------|---------------------------|--------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
|             | Driver                    | Driven | 1 260       | 1 410 | 1 800 | 2 020 | 2 150 | 2 280 | 2 400 | 2 990 | 3 550 | 3 800 | 4 060 | 4 310 | 4 560 | 4 820 | 7 100 | 7 990 |   |
| –           | mm                        |        | mm          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |   |
| 1,00        | 140                       | 140    | –           | 485   | 680   | 790   | 855   | 920   | 980   | –     | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,00        | 150                       | 150    | –           | 470   | 665   | 775   | 840   | 905   | 965   | 1 260 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,00        | 160                       | 160    | –           | –     | 649   | 759   | 824   | 889   | 949   | 1 244 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,00        | 170                       | 170    | –           | –     | 633   | 743   | 808   | 873   | 933   | 1 228 | 1 508 | –     | –     | –     | –     | –     | –     | –     | – |
| 1,00        | 180                       | 180    | –           | –     | 617   | 727   | 792   | 857   | 917   | 1 212 | 1 492 | 1 617 | –     | –     | –     | –     | –     | –     | – |
| 1,00        | 190                       | 190    | –           | –     | 602   | 712   | 777   | 842   | 902   | 1 197 | 1 477 | 1 602 | –     | –     | –     | –     | –     | –     | – |
| 1,00        | 200                       | 200    | –           | –     | –     | 696   | 761   | 826   | 886   | 1 181 | 1 461 | 1 586 | 1 716 | –     | –     | –     | –     | –     | – |
| 1,00        | 212                       | 212    | –           | –     | –     | 677   | 742   | 807   | 867   | 1 162 | 1 442 | 1 567 | 1 697 | 1 822 | –     | –     | –     | –     | – |
| 1,00        | 224                       | 224    | –           | –     | –     | 658   | 723   | 788   | 848   | 1 143 | 1 423 | 1 548 | 1 678 | 1 803 | 1 928 | –     | –     | –     | – |
| 1,00        | 236                       | 236    | –           | –     | –     | –     | –     | 769   | 829   | 1 124 | 1 404 | 1 529 | 1 659 | 1 784 | 1 909 | 2 039 | –     | –     | – |
| 1,00        | 250                       | 250    | –           | –     | –     | –     | –     | –     | 808   | 1 103 | 1 383 | 1 508 | 1 638 | 1 763 | 1 888 | 2 018 | –     | –     | – |
| 1,00        | 280                       | 280    | –           | –     | –     | –     | –     | –     | –     | 1 055 | 1 335 | 1 460 | 1 590 | 1 715 | 1 840 | 1 970 | –     | –     | – |
| 1,00        | 315                       | 315    | –           | –     | –     | –     | –     | –     | –     | 1 000 | 1 280 | 1 405 | 1 535 | 1 660 | 1 785 | 1 915 | –     | –     | – |
| 1,05        | 190                       | 200    | –           | –     | 594   | 704   | 769   | 834   | 894   | 1 189 | 1 469 | 1 594 | 1 724 | –     | –     | –     | –     | –     | – |
| 1,05        | 224                       | 236    | –           | –     | –     | –     | –     | 714   | 779   | 1 134 | 1 414 | 1 539 | 1 669 | 1 794 | 1 919 | –     | –     | –     | – |
| 1,06        | 180                       | 190    | –           | –     | –     | 720   | 785   | 850   | 910   | 1 205 | 1 485 | 1 610 | –     | –     | –     | –     | –     | –     | – |
| 1,06        | 212                       | 224    | –           | –     | –     | 668   | 733   | 798   | 858   | 1 153 | 1 433 | 1 558 | 1 688 | 1 813 | 1 938 | –     | –     | –     | – |
| 1,06        | 170                       | 180    | –           | –     | 625   | 735   | 800   | 865   | 925   | 1 220 | 1 500 | –     | –     | –     | –     | –     | –     | –     | – |
| 1,06        | 236                       | 250    | –           | –     | –     | –     | –     | 758   | 818   | 1 113 | 1 393 | 1 518 | 1 648 | 1 773 | 1 898 | 2 028 | –     | –     | – |
| 1,06        | 200                       | 212    | –           | –     | –     | 687   | 752   | 817   | 877   | 1 172 | 1 452 | 1 577 | 1 707 | 1 832 | –     | –     | –     | –     | – |
| 1,06        | 160                       | 170    | –           | –     | 641   | 751   | 816   | 881   | 941   | 1 236 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,07        | 150                       | 160    | –           | 462   | 657   | 767   | 832   | 897   | 957   | 1 252 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,07        | 140                       | 150    | –           | 477   | 672   | 782   | 847   | 912   | 972   | 1 267 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,11        | 180                       | 200    | 332         | 407   | 602   | 712   | 777   | 842   | 902   | 1 197 | 1 477 | 1 602 | –     | –     | –     | –     | –     | –     | – |
| 1,11        | 212                       | 236    | 278         | 353   | 548   | 658   | 723   | 788   | 848   | 1 143 | 1 423 | 1 548 | 1 678 | 1 803 | 1 928 | –     | –     | –     | – |
| 1,12        | 190                       | 212    | 314         | 389   | 584   | 694   | 759   | 824   | 884   | 1 179 | 1 459 | 1 584 | 1 714 | –     | –     | –     | –     | –     | – |
| 1,12        | 224                       | 250    | 258         | 333   | 528   | 638   | 703   | 768   | 828   | 1 123 | 1 403 | 1 528 | 1 658 | 1 783 | 1 908 | 2 038 | –     | –     | – |
| 1,12        | 170                       | 190    | 347         | 422   | 617   | 727   | 792   | 857   | 917   | 1 212 | 1 492 | –     | –     | –     | –     | –     | –     | –     | – |
| 1,12        | 200                       | 224    | 297         | 372   | 567   | 677   | 742   | 807   | 867   | 1 162 | 1 442 | 1 567 | 1 697 | 1 822 | –     | –     | –     | –     | – |
| 1,12        | 250                       | 280    | –           | 289   | 484   | 594   | 659   | 724   | 784   | 1 079 | 1 359 | 1 484 | 1 614 | 1 739 | 1 864 | 1 994 | –     | –     | – |
| 1,13        | 160                       | 180    | 363         | 438   | 633   | 743   | 808   | 873   | 933   | 1 228 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,13        | 280                       | 315    | –           | –     | 433   | 543   | 608   | 673   | 733   | 1 028 | 1 308 | 1 433 | 1 563 | 1 688 | 1 813 | 1 943 | –     | –     | – |
| 1,13        | 315                       | 355    | –           | –     | 374   | 484   | 549   | 614   | 674   | 969   | 1 249 | 1 374 | 1 504 | 1 629 | 1 754 | 1 884 | –     | –     | – |
| 1,13        | 150                       | 170    | 379         | 454   | 649   | 759   | 824   | 889   | 949   | 1 244 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,14        | 140                       | 160    | 394         | 469   | 664   | 774   | 839   | 904   | 964   | 1 259 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,18        | 170                       | 200    | 339         | 414   | 609   | 719   | 784   | 849   | 909   | 1 204 | 1 484 | –     | –     | –     | –     | –     | –     | –     | – |
| 1,18        | 180                       | 212    | 322         | 397   | 592   | 702   | 767   | 832   | 892   | 1 187 | 1 467 | 1 592 | –     | –     | –     | –     | –     | –     | – |
| 1,18        | 190                       | 224    | 305         | 380   | 575   | 685   | 750   | 815   | 875   | 1 170 | 1 450 | 1 575 | 1 705 | –     | –     | –     | –     | –     | – |
| 1,18        | 212                       | 250    | 267         | 342   | 537   | 647   | 712   | 777   | 837   | 1 132 | 1 412 | 1 537 | 1 667 | 1 792 | 1 917 | –     | –     | –     | – |
| 1,18        | 200                       | 236    | 287         | 362   | 557   | 667   | 733   | 798   | 858   | 1 153 | 1 433 | 1 558 | 1 688 | 1 813 | –     | –     | –     | –     | – |
| 1,19        | 236                       | 280    | –           | 299   | 494   | 605   | 670   | 735   | 795   | 1 090 | 1 370 | 1 495 | 1 625 | 1 750 | 1 875 | 2 005 | –     | –     | – |
| 1,19        | 160                       | 190    | 355         | 430   | 625   | 735   | 800   | 865   | 925   | 1 220 | 1 500 | –     | –     | –     | –     | –     | –     | –     | – |
| 1,20        | 150                       | 180    | 371         | 446   | 641   | 751   | 816   | 881   | 941   | 1 236 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,21        | 140                       | 170    | 386         | 461   | 656   | 767   | 832   | 897   | 957   | 1 252 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,24        | 190                       | 236    | 295         | 370   | 565   | 675   | 740   | 805   | 865   | 1 160 | 1 440 | 1 565 | 1 695 | –     | –     | –     | –     | –     | – |
| 1,24        | 180                       | 224    | 312         | 387   | 582   | 693   | 758   | 823   | 883   | 1 178 | 1 458 | 1 583 | –     | –     | –     | –     | –     | –     | – |
| 1,25        | 170                       | 212    | 329         | 405   | 600   | 710   | 775   | 840   | 900   | 1 195 | 1 475 | 1 600 | –     | –     | –     | –     | –     | –     | – |
| 1,25        | 160                       | 200    | 347         | 422   | 617   | 727   | 792   | 857   | 917   | 1 212 | 1 492 | –     | –     | –     | –     | –     | –     | –     | – |
| 1,25        | 200                       | 250    | 276         | 351   | 546   | 656   | 721   | 786   | 846   | 1 141 | 1 422 | 1 547 | 1 677 | 1 802 | –     | –     | –     | –     | – |
| 1,25        | 224                       | 280    | –           | 308   | 504   | 614   | 679   | 744   | 804   | 1 099 | 1 379 | 1 504 | 1 634 | 1 759 | 1 884 | 2 014 | –     | –     | – |
| 1,26        | 250                       | 315    | 184         | 259   | 455   | 566   | 631   | 696   | 756   | 1 051 | 1 331 | 1 456 | 1 586 | 1 711 | 1 836 | 1 966 | –     | –     | – |
| 1,27        | 150                       | 190    | 363         | 438   | 633   | 743   | 808   | 873   | 933   | 1 228 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,27        | 280                       | 355    | –           | –     | 400   | 510   | 575   | 640   | 701   | 996   | 1 276 | 1 401 | 1 531 | 1 656 | 1 781 | 1 911 | –     | –     | – |
| 1,27        | 315                       | 400    | –           | –     | –     | 447   | 512   | 577   | 637   | 933   | 1 213 | 1 338 | 1 468 | 1 593 | 1 718 | 1 848 | 2 988 | –     | – |
| 1,29        | 140                       | 180    | 378         | 453   | 648   | 759   | 824   | 889   | 949   | 1 244 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,31        | 180                       | 236    | 302         | 377   | 573   | 683   | 748   | 813   | 873   | 1 168 | 1 448 | 1 573 | 1 703 | –     | –     | –     | –     | –     | – |
| 1,32        | 190                       | 250    | 283         | 358   | 554   | 664   | 729   | 794   | 854   | 1 149 | 1 429 | 1 554 | 1 684 | 1 809 | –     | –     | –     | –     | – |
| 1,32        | 170                       | 224    | 320         | 395   | 590   | 700   | 765   | 830   | 890   | 1 185 | 1 465 | 1 590 | –     | –     | –     | –     | –     | –     | – |
| 1,32        | 212                       | 280    | –           | 317   | 513   | 623   | 688   | 753   | 813   | 1 108 | 1 388 | 1 513 | 1 643 | 1 768 | 1 893 | 2 023 | –     | –     | – |
| 1,33        | 160                       | 212    | 337         | 412   | 607   | 718   | 783   | 848   | 908   | 1 203 | 1 483 | –     | –     | –     | –     | –     | –     | –     | – |
| 1,00        | 250                       | 250    | –           | –     | –     | –     | –     | –     | 808   | 1 103 | 1 383 | 1 508 | 1 638 | 1 763 | 1 888 | 2 018 | –     | –     | – |
| 1,00        | 280                       | 280    | –           | –     | –     | –     | –     | –     | –     | 1 055 | 1 335 | 1 460 | 1 590 | 1 715 | 1 840 | 1 970 | –     | –     | – |
| 1,00        | 315                       | 315    | –           | –     | –     | –     | –     | –     | –     | 1 000 | 1 280 | 1 405 | 1 535 | 1 660 | 1 785 | 1 915 | –     | –     | – |
| 1,05        | 190                       | 200    | –           | –     | 594   | 704   | 769   | 834   | 894   | 1 189 | 1 469 | 1 594 | 1 724 | –     | –     | –     | –     | –     | – |
| 1,05        | 224                       | 236    | –           | –     | –     | –     | –     | 714   | 779   | 1 134 | 1 414 | 1 539 | 1 669 | 1 794 | 1 919 | –     | –     | –     | – |
| 1,06        | 180                       | 190    | –           | –     | –     | 720   | 785   | 850   | 910   | 1 205 | 1 485 | 1 610 | –     | –     | –     | –     | –     | –     | – |
| 1,06        | 212                       | 224    | –           | –     | –     | 668   | 733   | 798   | 858   | 1 153 | 1 433 | 1 558 | 1 688 | 1 813 | 1 938 | –     | –     | –     | – |
| 1,06        | 170                       | 180    | –           | –     | 625   | 735   | 800   | 865   | 925   | 1 220 | 1 500 | –     | –     | –     | –     | –     | –     | –     | – |
| 1,06        | 236                       | 250    | –           | –     | –     | –     | –     | 758   | 818   | 1 113 | 1 393 | 1 518 | 1 648 | 1 773 | 1 898 | 2 028 | –     | –     | – |
| 1,06        | 200                       | 212    | –           | –     | –     | 687   | 752   | 817   | 877   | 1 172 | 1 452 | 1 577 | 1 707 | 1 832 | –     | –     | –     | –     | – |
| 1,06        | 160                       | 170    | –           | –     | 641   | 751   | 816   | 881   | 941   | 1 236 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,07        | 150                       | 160    | –           | 462   | 657   | 767   | 832   | 897   | 957   | 1 252 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,07        | 140                       | 150    | –           | 477   | 672   | 782   | 847   | 912   | 972   | 1 267 | –     | –     | –     | –     | –     | –     | –     | –     | – |
| 1,11        | 180                       | 200    | 332         | 407   | 602   | 712   | 777   | 842   | 902   | 1 197 | 1 477 | 1 602 | –     | –     | –     | –     | –     | –     | – |
| 1,11        | 212                       | 236    | 278         | 353   | 548   | 658   | 723   | 788   | 848   | 1 143 | 1 423 | 1 548 | 1 678 | 1 803 | 1 928 | –     | –     | –     | – |

Centre distances  
Section SPB/SPB-XP/XPB

Table 4e

| Speed ratio | Datum diameter of pulleys |        | Belt length |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|-------------|---------------------------|--------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
|             | Driver                    | Driven | 1 260       | 1 410 | 1 800 | 2 020 | 2 150 | 2 280 | 2 400 | 2 990 | 3 550 | 3 800 | 4 060 | 4 310 | 4 560 | 4 820 | 7 100 | 7 990 |  |
| –           | mm                        |        | mm          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| 1,12        | 190                       | 212    | 314         | 389   | 584   | 694   | 759   | 824   | 884   | 1 179 | 1 459 | 1 584 | 1 714 | –     | –     | –     | –     | –     |  |
| 1,12        | 224                       | 250    | 258         | 333   | 528   | 638   | 703   | 768   | 828   | 1 123 | 1 403 | 1 528 | 1 658 | 1 783 | 1 908 | 2 038 | –     | –     |  |
| 1,12        | 170                       | 190    | 347         | 422   | 617   | 727   | 792   | 857   | 917   | 1 212 | 1 492 | –     | –     | –     | –     | –     | –     | –     |  |
| 1,12        | 200                       | 224    | 297         | 372   | 567   | 677   | 742   | 807   | 867   | 1 162 | 1 442 | 1 567 | 1 697 | 1 822 | –     | –     | –     | –     |  |
| 1,12        | 250                       | 280    | –           | 289   | 484   | 594   | 659   | 724   | 784   | 1 079 | 1 359 | 1 484 | 1 614 | 1 739 | 1 864 | 1 994 | –     | –     |  |
| 1,13        | 160                       | 180    | 363         | 438   | 633   | 743   | 808   | 873   | 933   | 1 228 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,13        | 280                       | 315    | –           | –     | 433   | 543   | 608   | 673   | 733   | 1 028 | 1 308 | 1 433 | 1 563 | 1 688 | 1 813 | 1 943 | –     | –     |  |
| 1,13        | 315                       | 355    | –           | –     | 374   | 484   | 549   | 614   | 674   | 969   | 1 249 | 1 374 | 1 504 | 1 629 | 1 754 | 1 884 | –     | –     |  |
| 1,13        | 150                       | 170    | 379         | 454   | 649   | 759   | 824   | 889   | 949   | 1 244 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,14        | 140                       | 160    | 394         | 469   | 664   | 774   | 839   | 904   | 964   | 1 259 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,18        | 170                       | 200    | 339         | 414   | 609   | 719   | 784   | 849   | 909   | 1 204 | 1 484 | –     | –     | –     | –     | –     | –     | –     |  |
| 1,18        | 180                       | 212    | 322         | 397   | 592   | 702   | 767   | 832   | 892   | 1 187 | 1 467 | 1 592 | –     | –     | –     | –     | –     | –     |  |
| 1,18        | 190                       | 224    | 305         | 380   | 575   | 685   | 750   | 815   | 875   | 1 170 | 1 450 | 1 575 | 1 705 | –     | –     | –     | –     | –     |  |
| 1,18        | 212                       | 250    | 267         | 342   | 537   | 647   | 712   | 777   | 837   | 1 132 | 1 412 | 1 537 | 1 667 | 1 792 | 1 917 | –     | –     | –     |  |
| 1,18        | 200                       | 236    | 287         | 362   | 557   | 667   | 732   | 797   | 857   | 1 153 | 1 433 | 1 558 | 1 688 | 1 813 | –     | –     | –     | –     |  |
| 1,19        | 236                       | 280    | –           | 299   | 494   | 605   | 670   | 735   | 795   | 1 090 | 1 370 | 1 495 | 1 625 | 1 750 | 1 875 | 2 005 | –     | –     |  |
| 1,19        | 160                       | 190    | 355         | 430   | 625   | 735   | 800   | 865   | 925   | 1 220 | 1 500 | –     | –     | –     | –     | –     | –     | –     |  |
| 1,20        | 150                       | 180    | 371         | 446   | 641   | 751   | 816   | 881   | 941   | 1 236 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,21        | 140                       | 170    | 386         | 461   | 656   | 767   | 832   | 897   | 957   | 1 252 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,24        | 190                       | 236    | 295         | 370   | 565   | 675   | 740   | 805   | 865   | 1 160 | 1 440 | 1 565 | 1 695 | –     | –     | –     | –     | –     |  |
| 1,24        | 180                       | 224    | 312         | 387   | 582   | 693   | 758   | 823   | 883   | 1 178 | 1 458 | 1 583 | –     | –     | –     | –     | –     | –     |  |
| 1,25        | 170                       | 212    | 329         | 405   | 600   | 710   | 775   | 840   | 900   | 1 195 | 1 475 | 1 600 | –     | –     | –     | –     | –     | –     |  |
| 1,25        | 160                       | 200    | 347         | 422   | 617   | 727   | 792   | 857   | 917   | 1 212 | 1 492 | –     | –     | –     | –     | –     | –     | –     |  |
| 1,25        | 200                       | 250    | 276         | 351   | 546   | 656   | 721   | 786   | 846   | 1 141 | 1 422 | 1 547 | 1 677 | 1 802 | –     | –     | –     | –     |  |
| 1,25        | 224                       | 280    | –           | 308   | 504   | 614   | 679   | 744   | 804   | 1 099 | 1 379 | 1 504 | 1 634 | 1 759 | 1 884 | 2 014 | –     | –     |  |
| 1,26        | 250                       | 315    | 184         | 259   | 455   | 566   | 631   | 696   | 756   | 1 051 | 1 331 | 1 456 | 1 586 | 1 711 | 1 836 | 1 966 | –     | –     |  |
| 1,27        | 150                       | 190    | 363         | 438   | 633   | 743   | 808   | 873   | 933   | 1 228 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,27        | 280                       | 355    | –           | –     | 400   | 510   | 575   | 640   | 701   | 996   | 1 276 | 1 401 | 1 531 | 1 656 | 1 781 | 1 911 | –     | –     |  |
| 1,27        | 315                       | 400    | –           | –     | –     | 447   | 512   | 577   | 637   | 933   | 1 213 | 1 338 | 1 468 | 1 593 | 1 718 | 1 848 | 2 988 | –     |  |
| 1,29        | 140                       | 180    | 378         | 453   | 648   | 759   | 824   | 889   | 949   | 1 244 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,31        | 180                       | 236    | 302         | 377   | 573   | 683   | 748   | 813   | 873   | 1 168 | 1 448 | 1 573 | 1 703 | –     | –     | –     | –     | –     |  |
| 1,32        | 190                       | 250    | 283         | 358   | 554   | 664   | 729   | 794   | 854   | 1 149 | 1 429 | 1 554 | 1 684 | 1 809 | –     | –     | –     | –     |  |
| 1,32        | 170                       | 224    | 320         | 395   | 590   | 700   | 765   | 830   | 890   | 1 185 | 1 465 | 1 590 | –     | –     | –     | –     | –     | –     |  |
| 1,32        | 212                       | 280    | –           | 317   | 513   | 623   | 688   | 753   | 813   | 1 108 | 1 388 | 1 513 | 1 643 | 1 768 | 1 893 | 2 023 | –     | –     |  |
| 1,33        | 160                       | 212    | 337         | 412   | 607   | 718   | 783   | 848   | 908   | 1 203 | 1 483 | –     | –     | –     | –     | –     | –     | –     |  |
| 1,33        | 150                       | 200    | 354         | 430   | 625   | 735   | 800   | 865   | 925   | 1 220 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,33        | 236                       | 315    | –           | –     | 466   | 576   | 641   | 706   | 766   | 1 062 | 1 342 | 1 467 | 1 597 | 1 722 | 1 847 | 1 977 | –     | –     |  |
| 1,36        | 140                       | 190    | 370         | 445   | 640   | 751   | 816   | 881   | 941   | 1 236 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,39        | 170                       | 236    | 310         | 385   | 580   | 691   | 756   | 821   | 881   | 1 176 | 1 456 | 1 581 | –     | –     | –     | –     | –     | –     |  |
| 1,39        | 180                       | 250    | 290         | 366   | 561   | 672   | 737   | 802   | 862   | 1 157 | 1 437 | 1 562 | 1 692 | –     | –     | –     | –     | –     |  |
| 1,40        | 160                       | 224    | 327         | 402   | 598   | 708   | 773   | 838   | 898   | 1 193 | 1 473 | 1 598 | –     | –     | –     | –     | –     | –     |  |
| 1,40        | 200                       | 280    | –           | 326   | 522   | 632   | 697   | 762   | 822   | 1 117 | 1 398 | 1 523 | 1 653 | 1 778 | 1 903 | –     | –     | –     |  |
| 1,41        | 224                       | 315    | –           | –     | 475   | 585   | 650   | 715   | 776   | 1 071 | 1 351 | 1 476 | 1 606 | 1 731 | 1 856 | 1 986 | –     | –     |  |
| 1,41        | 150                       | 212    | 344         | 420   | 615   | 725   | 790   | 855   | 915   | 1 210 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,42        | 250                       | 355    | –           | –     | 422   | 532   | 598   | 663   | 723   | 1 019 | 1 299 | 1 424 | 1 554 | 1 679 | 1 804 | 1 934 | –     | –     |  |
| 1,43        | 140                       | 200    | 362         | 437   | 632   | 742   | 808   | 873   | 933   | 1 228 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,43        | 280                       | 400    | 71          | 160   | 361   | 472   | 538   | 603   | 663   | 959   | 1 240 | 1 365 | 1 495 | 1 620 | 1 745 | 1 875 | –     | –     |  |
| 1,47        | 170                       | 250    | 298         | 373   | 569   | 679   | 744   | 809   | 869   | 1 165 | 1 445 | 1 570 | 1 700 | –     | –     | –     | –     | –     |  |
| 1,47        | 190                       | 280    | 257         | 333   | 529   | 639   | 705   | 770   | 830   | 1 125 | 1 405 | 1 530 | 1 660 | 1 785 | –     | –     | –     | –     |  |
| 1,48        | 160                       | 236    | 317         | 392   | 588   | 698   | 763   | 828   | 888   | 1 184 | 1 464 | 1 589 | –     | –     | –     | –     | –     | –     |  |
| 1,49        | 212                       | 315    | –           | 287   | 484   | 594   | 659   | 724   | 785   | 1 080 | 1 360 | 1 485 | 1 615 | 1 741 | 1 866 | 1 996 | –     | –     |  |
| 1,49        | 150                       | 224    | 334         | 410   | 605   | 715   | 781   | 846   | 906   | 1 201 | 1 481 | –     | –     | –     | –     | –     | –     | –     |  |
| 1,50        | 236                       | 355    | –           | –     | 432   | 543   | 608   | 673   | 734   | 1 029 | 1 310 | 1 435 | 1 565 | 1 690 | 1 815 | 1 945 | –     | –     |  |
| 1,51        | 140                       | 212    | 352         | 427   | 623   | 733   | 798   | 863   | 923   | 1 218 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,56        | 180                       | 280    | 264         | 340   | 537   | 647   | 712   | 777   | 837   | 1 133 | 1 413 | 1 538 | 1 668 | 1 793 | –     | –     | –     | –     |  |
| 1,56        | 160                       | 250    | 305         | 380   | 576   | 687   | 752   | 817   | 877   | 1 172 | 1 452 | 1 578 | –     | –     | –     | –     | –     | –     |  |
| 1,57        | 150                       | 236    | 324         | 400   | 595   | 706   | 771   | 836   | 896   | 1 191 | 1 471 | –     | –     | –     | –     | –     | –     | –     |  |
| 1,58        | 200                       | 315    | –           | 295   | 492   | 603   | 668   | 733   | 794   | 1 089 | 1 370 | 1 495 | 1 625 | 1 750 | 1 875 | 2 005 | –     | –     |  |
| 1,58        | 224                       | 355    | –           | –     | 441   | 552   | 617   | 682   | 743   | 1 038 | 1 319 | 1 444 | 1 574 | 1 699 | 1 824 | 1 954 | –     | –     |  |
| 1,59        | 315                       | 500    | –           | –     | –     | –     | –     | 492   | 552   | 850   | 1 131 | 1 257 | 1 387 | 1 512 | 1 638 | 1 768 | 2 909 | 3 354 |  |
| 1,60        | 140                       | 224    | 342         | 417   | 613   | 723   | 788   | 853   | 913   | 1 209 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,60        | 250                       | 400    | –           | –     | 382   | 494   | 560   | 625   | 686   | 982   | 1 263 | 1 388 | 1 518 | 1 643 | 1 768 | 1 898 | –     | –     |  |
| 1,65        | 170                       | 280    | 271         | 347   | 544   | 654   | 720   | 785   | 845   | 1 140 | 1 421 | 1 546 | 1 676 | –     | –     | –     | –     | –     |  |
| 1,66        | 190                       | 315    | –           | 302   | 500   | 610   | 676   | 741   | 801   | 1 097 | 1 377 | 1 502 | 1 632 | 1 757 | 1 883 | –     | –     | –     |  |
| 1,67        | 150                       | 250    | 312         | 388   | 584   | 694   | 759   | 824   | 885   | 1 180 | 1 460 | –     | –     | –     | –     | –     | –     | –     |  |
| 1,67        | 212                       | 355    | –           | –     | 449   | 560   | 626   | 691   | 752   | 1 047 | 1 328 | 1 453 | 1 583 | 1 708 | 1 834 | 1 964 | –     | –     |  |
| 1,69        | 140                       | 236    | 331         | 407   | 603   | 713   | 778   | 843   | 904   | 1 199 | –     | –     | –     | –     | –     | –     | –     | –     |  |
| 1,69        | 236                       | 400    | –           | –     | 392   | 504   | 570   | 635   | 696   | 992   | 1 273 | 1 398 | 1 529 | 1 654 | 1 779 | 1 909 | –     | –     |  |
| 1,75        | 160                       | 280    | 278         | 355   | 551   | 662   | 727   | 792   | 852   | 1 148 | 1 428 | 1 553 | 1 684 | –     | –     | –     | –     | –     |  |
| 1,75        | 180                       | 315    | –           | 309   | 507   | 618   | 683   | 748   | 809   | 1 104 | 1 385 | 1 510 | 1 640 | 1 765 | –     | –     | –     | –     |  |
| 1,78        | 200                       | 355    | –           | –     | 458   | 569   | 635   | 700   | 760   | 1 056 | 1 337 | 1 462 | 1 592 | 1 718 | 1 843 | 1 973 | –     | –     |  |
| 1,79        | 140                       | 250    | 319         | 395   | 591   | 702   | 767   | 832   | 892   | 1 188 | 1 468 | –     | –     | –     | –     | –     | –     | –     |  |
| 1,79        | 224                       | 400    | –           | –     | 400   | 513   | 578   | 644   | 705   | 1 001 | 1 282 | 1 407 | 1 538 | 1 663 | 1 788 | 1 918 | –     | –     |  |
| 1,79        | 280                       | 500    | –           | –     | –     | –     | 449   | 516   | 577   | 876   | 1 157 | 1 283 | 1 413 | 1 539 | 1 664 | 1 794 | 2 936 | –     |  |
| 1,85        | 170                       | 315    | –           | 316   | 514   | 625   | 690   | 756   | 816   | 1 112 | 1 392 | 1 518 | 1 648 | 1 773 | –     | –     | –     | –     |  |

SKF Cogged Raw Edge Wedge Belts are available up to 3 550 mm length only.



# Centre distances

## Section SPB/SPB-XP/XPB

Table 4f

1

| Speed ratio | Datum diameter of pulleys |        | Belt length |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------|---------------------------|--------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             | Driver                    | Driven | 1 260       | 1 410 | 1 800 | 2 020 | 2 150 | 2 280 | 2 400 | 2 990 | 3 550 | 3 800 | 4 060 | 4 310 | 4 560 | 4 820 | 7 100 | 7 990 |
| –           | mm                        |        | mm          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 1,87        | 150                       | 280    | –           | 362   | 559   | 669   | 735   | 800   | 860   | 1 156 | 1 436 | 1 561 | –     | –     | –     | –     | –     | –     |
| 1,87        | 190                       | 355    | –           | –     | 465   | 576   | 642   | 707   | 768   | 1 064 | 1 345 | 1 470 | 1 600 | 1 725 | 1 850 | 1 980 | –     | –     |
| 1,89        | 212                       | 400    | –           | –     | 409   | 521   | 587   | 653   | 713   | 1 010 | 1 291 | 1 416 | 1 547 | 1 672 | 1 797 | 1 927 | –     | –     |
| 1,97        | 160                       | 315    | –           | 323   | 521   | 632   | 698   | 763   | 823   | 1 119 | 1 400 | 1 525 | 1 655 | –     | –     | –     | –     | –     |
| 1,97        | 180                       | 355    | –           | –     | 472   | 583   | 649   | 715   | 775   | 1 071 | 1 352 | 1 477 | 1 608 | 1 733 | 1 858 | –     | –     | –     |
| 2,00        | 140                       | 280    | 292         | 369   | 566   | 677   | 742   | 807   | 867   | 1 163 | 1 444 | –     | –     | –     | –     | –     | –     | –     |
| 2,00        | 200                       | 400    | –           | –     | 417   | 530   | 596   | 661   | 722   | 1 019 | 1 300 | 1 425 | 1 556 | 1 681 | 1 806 | 1 936 | –     | –     |
| 2,00        | 250                       | 500    | –           | –     | –     | 402   | 470   | 537   | 598   | 898   | 1 180 | 1 305 | 1 436 | 1 561 | 1 687 | 1 817 | –     | –     |
| 2,00        | 315                       | 630    | –           | –     | –     | –     | –     | –     | –     | 736   | 1 021 | 1 147 | 1 278 | 1 404 | 1 530 | 1 661 | 2 804 | 3 249 |
| 2,09        | 170                       | 355    | –           | –     | 479   | 591   | 656   | 722   | 782   | 1 079 | 1 360 | 1 485 | 1 615 | 1 740 | 1 866 | –     | –     | –     |
| 2,10        | 150                       | 315    | –           | 330   | 529   | 640   | 705   | 771   | 831   | 1 127 | 1 408 | 1 533 | 1 663 | –     | –     | –     | –     | –     |
| 2,11        | 190                       | 400    | –           | –     | 424   | 537   | 603   | 669   | 729   | 1 026 | 1 308 | 1 433 | 1 563 | 1 689 | 1 814 | 1 944 | –     | –     |
| 2,12        | 236                       | 500    | –           | –     | –     | 411   | 479   | 546   | 608   | 908   | 1 190 | 1 316 | 1 446 | 1 572 | 1 697 | 1 827 | –     | –     |
| 2,22        | 160                       | 355    | –           | –     | 486   | 598   | 664   | 729   | 790   | 1 086 | 1 367 | 1 493 | 1 623 | 1 748 | –     | –     | –     | –     |
| 2,22        | 180                       | 400    | –           | –     | 431   | 544   | 610   | 676   | 736   | 1 034 | 1 315 | 1 441 | 1 571 | 1 696 | 1 821 | 1 952 | –     | –     |
| 2,23        | 224                       | 500    | –           | –     | –     | 419   | 487   | 554   | 616   | 916   | 1 199 | 1 324 | 1 455 | 1 581 | 1 706 | 1 836 | –     | –     |
| 2,25        | 140                       | 315    | –           | 336   | 536   | 647   | 712   | 778   | 838   | 1 134 | 1 415 | 1 540 | –     | –     | –     | –     | –     | –     |
| 2,25        | 280                       | 630    | –           | –     | –     | –     | –     | –     | –     | 761   | 1 046 | 1 173 | 1 304 | 1 430 | 1 556 | 1 687 | 2 830 | 3 276 |
| 2,35        | 170                       | 400    | –           | –     | 437   | 551   | 617   | 683   | 744   | 1 041 | 1 323 | 1 448 | 1 578 | 1 704 | 1 829 | 1 959 | –     | –     |
| 2,36        | 212                       | 500    | –           | –     | –     | 427   | 495   | 563   | 624   | 925   | 1 207 | 1 333 | 1 464 | 1 590 | 1 715 | 1 845 | –     | –     |
| 2,37        | 150                       | 355    | –           | –     | 493   | 605   | 671   | 736   | 797   | 1 094 | 1 375 | 1 500 | 1 630 | 1 756 | –     | –     | –     | –     |
| 2,50        | 160                       | 400    | –           | –     | 444   | 557   | 624   | 690   | 751   | 1 049 | 1 330 | 1 455 | 1 586 | 1 711 | 1 836 | –     | –     | –     |
| 2,50        | 200                       | 500    | –           | –     | –     | 435   | 503   | 571   | 633   | 933   | 1 216 | 1 342 | 1 473 | 1 598 | 1 724 | 1 854 | –     | –     |
| 2,52        | 250                       | 630    | –           | –     | –     | –     | –     | –     | 471   | 781   | 1 067 | 1 194 | 1 326 | 1 452 | 1 578 | 1 709 | 2 853 | –     |
| 2,54        | 140                       | 355    | –           | –     | 500   | 612   | 678   | 744   | 804   | 1 101 | 1 382 | 1 508 | 1 638 | –     | –     | –     | –     | –     |
| 2,54        | 315                       | 800    | –           | –     | –     | –     | –     | –     | –     | 866   | 995   | 1 129 | 1 256 | 1 383 | 1 515 | 2 664 | 3 110 | –     |
| 2,63        | 190                       | 500    | –           | –     | –     | 441   | 510   | 578   | 640   | 941   | 1 224 | 1 349 | 1 480 | 1 606 | 1 731 | 1 862 | –     | –     |
| 2,67        | 150                       | 400    | –           | –     | 451   | 564   | 631   | 697   | 758   | 1 056 | 1 337 | 1 463 | 1 593 | 1 719 | 1 844 | –     | –     | –     |
| 2,67        | 236                       | 630    | –           | –     | –     | –     | –     | –     | 480   | 791   | 1 077 | 1 204 | 1 336 | 1 462 | 1 588 | 1 719 | 2 863 | –     |
| 2,78        | 180                       | 500    | –           | –     | –     | 448   | 516   | 584   | 646   | 948   | 1 231 | 1 357 | 1 488 | 1 613 | 1 739 | 1 869 | –     | –     |
| 2,81        | 224                       | 630    | –           | –     | –     | –     | –     | 487   | 799   | 1 086 | 1 213 | 1 344 | 1 471 | 1 597 | 1 728 | 2 872 | –     | –     |
| 2,86        | 140                       | 400    | –           | –     | 458   | 571   | 638   | 704   | 765   | 1 063 | 1 345 | 1 470 | 1 601 | 1 726 | –     | –     | –     | –     |
| 2,86        | 280                       | 800    | –           | –     | –     | –     | –     | –     | 590   | 889   | 1 019 | 1 153 | 1 281 | 1 408 | 1 540 | 2 690 | 3 136 | –     |
| 2,94        | 170                       | 500    | –           | –     | –     | 454   | 523   | 591   | 653   | 955   | 1 238 | 1 364 | 1 495 | 1 621 | 1 746 | 1 877 | –     | –     |
| 2,97        | 212                       | 630    | –           | –     | –     | –     | –     | 495   | 807   | 1 094 | 1 221 | 1 353 | 1 479 | 1 605 | 1 736 | –     | –     | –     |
| 3,13        | 160                       | 500    | –           | –     | –     | 461   | 530   | 598   | 660   | 962   | 1 245 | 1 371 | 1 502 | 1 628 | 1 754 | 1 884 | –     | –     |
| 3,15        | 200                       | 630    | –           | –     | –     | –     | –     | –     | 502   | 815   | 1 102 | 1 230 | 1 361 | 1 488 | 1 614 | 1 745 | –     | –     |
| 3,17        | 315                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | –     | –     | 794   | 935   | 1 068 | 1 199 | 1 334 | 2 494 | 2 943 |
| 3,20        | 250                       | 800    | –           | –     | –     | –     | –     | –     | –     | 609   | 909   | 1 039 | 1 174 | 1 302 | 1 429 | 1 562 | 2 712 | 3 159 |
| 3,32        | 190                       | 630    | –           | –     | –     | –     | –     | –     | 509   | 822   | 1 109 | 1 237 | 1 369 | 1 495 | 1 621 | 1 752 | –     | –     |
| 3,33        | 150                       | 500    | –           | –     | –     | 467   | 536   | 604   | 667   | 969   | 1 253 | 1 379 | 1 510 | 1 635 | 1 761 | 1 892 | –     | –     |
| 3,39        | 236                       | 800    | –           | –     | –     | –     | –     | –     | –     | 617   | 918   | 1 049 | 1 183 | 1 311 | 1 439 | 1 571 | 2 722 | 3 169 |
| 3,50        | 180                       | 630    | –           | –     | –     | –     | –     | –     | 515   | 829   | 1 116 | 1 244 | 1 376 | 1 502 | 1 629 | 1 760 | –     | –     |
| 3,57        | 140                       | 500    | –           | –     | –     | 473   | 543   | 611   | 674   | 976   | 1 260 | 1 386 | 1 517 | 1 643 | 1 768 | 1 899 | –     | –     |
| 3,57        | 224                       | 800    | –           | –     | –     | –     | –     | –     | 625   | 926   | 1 057 | 1 191 | 1 320 | 1 448 | 1 580 | 2 731 | –     | –     |
| 3,57        | 280                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | 674   | 816   | 958   | 1 091 | 1 222 | 1 357 | 2 519 | 2 968 | –     |
| 3,71        | 170                       | 630    | –           | –     | –     | –     | –     | –     | 521   | 835   | 1 123 | 1 251 | 1 383 | 1 509 | 1 636 | 1 767 | –     | –     |
| 3,77        | 212                       | 800    | –           | –     | –     | –     | –     | –     | –     | 632   | 934   | 1 065 | 1 200 | 1 328 | 1 456 | 1 588 | 2 740 | –     |
| 3,94        | 160                       | 630    | –           | –     | –     | –     | –     | –     | 528   | 842   | 1 130 | 1 258 | 1 390 | 1 517 | 1 643 | 1 774 | –     | –     |
| 3,97        | 315                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | –     | –     | –     | –     | –     | 935   | 1 080 | 2 273 | 2 726 |
| 4,00        | 200                       | 800    | –           | –     | –     | –     | –     | –     | –     | 640   | 942   | 1 073 | 1 208 | 1 336 | 1 464 | 1 597 | 2 749 | –     |
| 4,00        | 250                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | –     | 692   | 834   | 977   | 1 110 | 1 242 | 1 378 | 2 541 | 2 990 |
| 4,20        | 150                       | 630    | –           | –     | –     | –     | –     | –     | 534   | 849   | 1 137 | 1 265 | 1 397 | 1 524 | 1 650 | 1 782 | –     | –     |
| 4,21        | 190                       | 800    | –           | –     | –     | –     | –     | –     | –     | 646   | 949   | 1 080 | 1 215 | 1 343 | 1 471 | 1 604 | 2 756 | –     |
| 4,24        | 236                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | –     | 701   | 843   | 986   | 1 120 | 1 251 | 1 387 | 2 551 | 3 000 |
| 4,44        | 180                       | 800    | –           | –     | –     | –     | –     | –     | –     | 652   | 955   | 1 086 | 1 221 | 1 350 | 1 478 | 1 611 | 2 763 | –     |
| 4,46        | 224                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | –     | 708   | 851   | 993   | 1 127 | 1 259 | 1 395 | 2 560 | 3 009 |
| 4,46        | 280                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | –     | –     | –     | –     | 808   | 956   | 1 102 | 2 298 | 2 751 |
| 4,50        | 140                       | 630    | –           | –     | –     | –     | –     | –     | 540   | 855   | 1 144 | 1 272 | 1 404 | 1 531 | 1 657 | 1 789 | –     | –     |
| 4,71        | 170                       | 800    | –           | –     | –     | –     | –     | –     | –     | 658   | 962   | 1 093 | 1 228 | 1 357 | 1 485 | 1 618 | 2 771 | –     |
| 4,72        | 212                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | –     | 715   | 858   | 1 001 | 1 135 | 1 267 | 1 403 | 2 568 | 3 018 |
| 5,00        | 160                       | 800    | –           | –     | –     | –     | –     | –     | –     | 664   | 969   | 1 100 | 1 235 | 1 364 | 1 492 | 1 625 | –     | –     |
| 5,00        | 200                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | –     | 722   | 866   | 1 009 | 1 143 | 1 275 | 1 411 | 2 577 | 3 027 |
| 5,00        | 250                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | –     | –     | –     | –     | 826   | 974   | 1 121 | 2 319 | 2 772 |
| 5,26        | 190                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | –     | 728   | 872   | 1 015 | 1 150 | 1 282 | 1 418 | 2 584 | 3 034 |
| 5,30        | 236                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | –     | –     | –     | –     | 834   | 983   | 1 130 | 2 328 | 2 782 |
| 5,33        | 150                       | 800    | –           | –     | –     | –     | –     | –     | –     | 670   | 975   | 1 107 | 1 242 | 1 371 | 1 499 | 1 632 | –     | –     |
| 5,56        | 180                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | –     | 734   | 878   | 1 021 | 1 156 | 1 288 | 1 425 | 2 591 | 3 041 |
| 5,58        | 224                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | –     | –     | –     | –     | 842   | 990   | 1 137 | 2 337 | 2 791 |
| 5,71        | 140                       | 800    | –           | –     | –     | –     | –     | –     | –     | 677   | 982   | 1 113 | 1 248 | 1 378 | 1 506 | 1 639 | –     | –     |
| 5,88        | 170                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | –     | 740   | 884   | 1 028 | 1 162 | 1 295 | 1 431 | 2 598 | –     |
| 5,90        | 212                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | –     | –     | –     | –     | 849   | 997   | 1 145 | 2 345 | 2 799 |
| 6,25        | 160                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | –     | 746   | 890   | 1 034 | 1 169 | 1 302 | 1 438 | 2 606 | –     |
| 6,25        | 200                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | –     | –     | –     | –     | 856   | 1 005 | 1 152 | 2 353 | 2 808 |
| 6,58        | 190                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | –     | –     | –     | –     | 862   | 1 011 | 1 158 | 2 360 | 2 815 |
| 6,67        | 150                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | –     | 752   | 897   | 1 040 | 1 175 | 1 308 | 1 445 | 2 613 | –     |
| 6,94        | 180                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | –     | –     | –     | –     | 867   | 1 017 | 1 165 | 2 367 | 2     |

Centre distances  
Section SPC/SPC-XP/XP

Table 4g

| Speed ratio | Datum diameter of pulleys |        | Belt length |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |        |  |
|-------------|---------------------------|--------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--|
|             | Driver                    | Driven | 2 000       | 2 240 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 | 5 000 | 5 600 | 6 300 | 7 100 | 8 000 | 9 000 | 10 000 | 11 200 | 12 500 |  |
| –           | mm                        |        | mm          |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |        |  |
| 1,00        | 224                       | 224    | 648         | 768   | 898   | 1 048 | 1 223 | 1 423 | 1 648 | 1 898 | 2 148 | 2 448 | 2 798 | 3 198 | 3 648 | 4 148 | 4 648  | 5 248  | 5 898  |  |
| 1,00        | 250                       | 250    | 608         | 728   | 858   | 1 008 | 1 183 | 1 383 | 1 608 | 1 858 | 2 108 | 2 408 | 2 758 | 3 158 | 3 608 | 4 108 | 4 608  | 5 208  | 5 858  |  |
| 1,00        | 300                       | 300    | 529         | 649   | 779   | 929   | 1 104 | 1 304 | 1 529 | 1 779 | 2 029 | 2 329 | 2 679 | 3 079 | 3 529 | 4 029 | 4 529  | 5 129  | 5 779  |  |
| 1,00        | 335                       | 335    | 474         | 594   | 724   | 874   | 1 049 | 1 249 | 1 474 | 1 724 | 1 974 | 2 274 | 2 624 | 3 024 | 3 474 | 3 974 | 4 474  | 5 074  | 5 724  |  |
| 1,00        | 400                       | 400    | –           | 492   | 622   | 772   | 947   | 1 147 | 1 372 | 1 622 | 1 872 | 2 172 | 2 522 | 2 922 | 3 372 | 3 872 | 4 372  | 4 972  | 5 622  |  |
| 1,00        | 450                       | 450    | –           | –     | 544   | 694   | 869   | 1 069 | 1 294 | 1 544 | 1 794 | 2 094 | 2 444 | 2 844 | 3 294 | 3 621 | 4 121  | 4 721  | 5 544  |  |
| 1,00        | 500                       | 500    | –           | –     | 615   | 790   | 990   | 1 215 | 1 465 | 1 715 | 2 015 | 2 365 | 2 765 | 3 215 | 3 715 | 4 215 | 4 815  | 5 465  | –      |  |
| 1,00        | 560                       | 560    | –           | –     | –     | –     | –     | 896   | 1 121 | 1 371 | 1 621 | 1 921 | 2 271 | 2 671 | 3 121 | 3 621 | 4 121  | 4 721  | 5 371  |  |
| 1,05        | 300                       | 315    | 517         | 637   | 767   | 917   | 1 092 | 1 292 | 1 517 | 1 767 | 2 017 | 2 317 | 2 667 | 3 067 | 3 517 | 4 017 | 4 517  | 5 117  | 5 767  |  |
| 1,05        | 224                       | 236    | 639         | 759   | 889   | 1 039 | 1 214 | 1 414 | 1 639 | 1 889 | 2 139 | 2 439 | 2 789 | 3 189 | 3 639 | 4 139 | 4 639  | 5 239  | 5 889  |  |
| 1,06        | 355                       | 375    | –           | 547   | 677   | 827   | 1 002 | 1 202 | 1 427 | 1 677 | 1 927 | 2 227 | 2 577 | 2 977 | 3 427 | 3 927 | 4 427  | 5 027  | 5 677  |  |
| 1,06        | 425                       | 450    | –           | 563   | 713   | 888   | 1 088 | 1 313 | 1 563 | 1 813 | 2 113 | 2 463 | 2 863 | 3 313 | 3 813 | 4 313 | 4 913  | 5 563  | –      |  |
| 1,06        | 236                       | 250    | 618         | 738   | 868   | 1 018 | 1 193 | 1 393 | 1 618 | 1 868 | 2 118 | 2 418 | 2 768 | 3 168 | 3 618 | 4 118 | 4 618  | 5 218  | 5 868  |  |
| 1,06        | 500                       | 530    | –           | –     | 591   | 766   | 966   | 1 191 | 1 441 | 1 691 | 1 991 | 2 341 | 2 741 | 3 191 | 3 691 | 4 191 | 4 791  | 5 441  | –      |  |
| 1,07        | 375                       | 400    | –           | 511   | 642   | 792   | 967   | 1 167 | 1 392 | 1 642 | 1 892 | 2 192 | 2 542 | 2 942 | 3 392 | 3 892 | 4 392  | 4 992  | 5 642  |  |
| 1,07        | 280                       | 300    | 545         | 665   | 795   | 945   | 1 120 | 1 320 | 1 545 | 1 795 | 2 045 | 2 345 | 2 695 | 3 095 | 3 545 | 4 045 | 4 545  | 5 145  | 5 795  |  |
| 1,11        | 450                       | 500    | –           | –     | 654   | 829   | 1 029 | 1 254 | 1 504 | 1 754 | 2 054 | 2 404 | 2 804 | 3 254 | 3 754 | 4 254 | 4 854  | 5 504  | –      |  |
| 1,12        | 425                       | 475    | –           | –     | 543   | 693   | 868   | 1 068 | 1 293 | 1 543 | 1 793 | 2 093 | 2 443 | 2 843 | 3 293 | 3 793 | 4 293  | 4 893  | 5 543  |  |
| 1,12        | 335                       | 375    | 442         | 562   | 692   | 842   | 1 017 | 1 217 | 1 443 | 1 693 | 1 943 | 2 243 | 2 593 | 2 993 | 3 443 | 3 943 | 4 443  | 5 043  | 5 693  |  |
| 1,12        | 250                       | 280    | 584         | 704   | 834   | 984   | 1 159 | 1 359 | 1 584 | 1 834 | 2 084 | 2 384 | 2 734 | 3 134 | 3 584 | 4 084 | 4 584  | 5 184  | 5 834  |  |
| 1,12        | 500                       | 560    | –           | –     | –     | –     | 742   | 942   | 1 168 | 1 418 | 1 668 | 1 968 | 2 318 | 2 718 | 3 168 | 3 668 | 4 168  | 4 768  | 5 418  |  |
| 1,13        | 560                       | 630    | –           | –     | –     | –     | –     | 840   | 1 065 | 1 315 | 1 565 | 1 866 | 2 216 | 2 616 | 3 066 | 3 566 | 4 066  | 4 666  | 5 316  |  |
| 1,13        | 355                       | 400    | –           | 527   | 657   | 807   | 982   | 1 182 | 1 407 | 1 657 | 1 907 | 2 207 | 2 557 | 2 957 | 3 407 | 3 907 | 4 407  | 5 007  | 5 657  |  |
| 1,13        | 265                       | 300    | 556         | 676   | 806   | 956   | 1 131 | 1 331 | 1 556 | 1 806 | 2 056 | 2 356 | 2 706 | 3 106 | 3 556 | 4 056 | 4 556  | 5 156  | 5 806  |  |
| 1,18        | 475                       | 560    | –           | –     | –     | 586   | 761   | 962   | 1 187 | 1 437 | 1 687 | 1 987 | 2 337 | 2 737 | 3 187 | 3 687 | 4 187  | 4 787  | 5 437  |  |
| 1,18        | 224                       | 265    | 616         | 736   | 866   | 1 016 | 1 191 | 1 391 | 1 616 | 1 866 | 2 116 | 2 416 | 2 766 | 3 166 | 3 616 | 4 116 | 4 616  | 5 216  | 5 866  |  |
| 1,18        | 300                       | 355    | 485         | 605   | 735   | 885   | 1 060 | 1 261 | 1 486 | 1 736 | 1 986 | 2 286 | 2 636 | 3 036 | 3 486 | 3 986 | 4 486  | 5 086  | 5 736  |  |
| 1,19        | 400                       | 475    | –           | 562   | 712   | 887   | 1 087 | 1 313 | 1 563 | 1 813 | 2 113 | 2 463 | 2 863 | 3 313 | 3 813 | 4 313 | 4 913  | 5 563  | –      |  |
| 1,19        | 265                       | 315    | 544         | 664   | 794   | 944   | 1 119 | 1 319 | 1 544 | 1 794 | 2 044 | 2 344 | 2 694 | 3 094 | 3 544 | 4 044 | 4 544  | 5 144  | 5 794  |  |
| 1,19        | 315                       | 375    | 457         | 578   | 708   | 858   | 1 033 | 1 233 | 1 458 | 1 708 | 1 958 | 2 258 | 2 608 | 3 008 | 3 458 | 3 958 | 4 458  | 5 058  | 5 708  |  |
| 1,20        | 355                       | 425    | –           | 506   | 637   | 787   | 962   | 1 162 | 1 387 | 1 637 | 1 887 | 2 187 | 2 537 | 2 937 | 3 388 | 3 888 | 4 388  | 4 988  | 5 638  |  |
| 1,20        | 250                       | 300    | 568         | 688   | 818   | 968   | 1 143 | 1 343 | 1 568 | 1 818 | 2 068 | 2 368 | 2 718 | 3 118 | 3 568 | 4 068 | 4 568  | 5 168  | 5 818  |  |
| 1,24        | 450                       | 560    | –           | –     | 605   | 780   | 981   | 1 206 | 1 456 | 1 706 | 2 006 | 2 356 | 2 756 | 3 206 | 3 706 | 4 206 | 4 706  | 5 306  | 5 956  |  |
| 1,25        | 224                       | 280    | 604         | 724   | 854   | 1 004 | 1 179 | 1 379 | 1 604 | 1 854 | 2 104 | 2 404 | 2 754 | 3 154 | 3 604 | 4 104 | 4 604  | 5 204  | 5 854  |  |
| 1,25        | 300                       | 375    | 469         | 589   | 719   | 869   | 1 044 | 1 244 | 1 470 | 1 720 | 1 970 | 2 270 | 2 620 | 3 020 | 3 470 | 3 970 | 4 470  | 5 070  | 5 720  |  |
| 1,25        | 400                       | 500    | –           | 541   | 692   | 867   | 1 067 | 1 293 | 1 543 | 1 793 | 2 093 | 2 443 | 2 843 | 3 293 | 3 793 | 4 293 | 4 893  | 5 543  | –      |  |
| 1,26        | 250                       | 315    | 566         | 676   | 806   | 956   | 1 131 | 1 331 | 1 556 | 1 806 | 2 056 | 2 356 | 2 706 | 3 106 | 3 556 | 4 056 | 4 556  | 5 156  | 5 806  |  |
| 1,26        | 500                       | 630    | –           | –     | 685   | 886   | 1 111 | 1 361 | 1 612 | 1 862 | 2 162 | 2 512 | 2 912 | 3 362 | 3 812 | 4 312 | 4 812  | 5 412  | 6 062  |  |
| 1,27        | 315                       | 400    | 437         | 557   | 687   | 838   | 1 013 | 1 213 | 1 438 | 1 688 | 1 938 | 2 238 | 2 588 | 2 988 | 3 438 | 3 938 | 4 438  | 5 038  | 5 688  |  |
| 1,27        | 236                       | 300    | 578         | 699   | 829   | 979   | 1 154 | 1 354 | 1 579 | 1 829 | 2 079 | 2 379 | 2 729 | 3 129 | 3 579 | 4 079 | 4 579  | 5 179  | 5 829  |  |
| 1,32        | 425                       | 560    | –           | –     | 623   | 799   | 999   | 1 225 | 1 475 | 1 725 | 2 026 | 2 376 | 2 776 | 3 226 | 3 726 | 4 226 | 4 826  | 5 476  | –      |  |
| 1,33        | 300                       | 400    | 448         | 568   | 699   | 849   | 1 024 | 1 224 | 1 450 | 1 700 | 1 950 | 2 250 | 2 600 | 3 000 | 3 450 | 3 950 | 4 450  | 5 050  | 5 700  |  |
| 1,33        | 375                       | 500    | –           | 560   | 710   | 896   | 1 106 | 1 332 | 1 562 | 1 812 | 2 112 | 2 462 | 2 862 | 3 312 | 3 812 | 4 312 | 4 912  | 5 562  | –      |  |
| 1,33        | 236                       | 315    | 566         | 686   | 817   | 967   | 1 142 | 1 342 | 1 567 | 1 817 | 2 067 | 2 367 | 2 717 | 3 117 | 3 567 | 4 067 | 4 567  | 5 167  | 5 817  |  |
| 1,34        | 355                       | 475    | –           | 595   | 746   | 921   | 1 122 | 1 347 | 1 597 | 1 847 | 2 148 | 2 498 | 2 898 | 3 348 | 3 848 | 4 348 | 4 948  | 5 598  | –      |  |
| 1,34        | 250                       | 335    | 539         | 659   | 790   | 940   | 1 115 | 1 315 | 1 540 | 1 790 | 2 040 | 2 340 | 2 690 | 3 090 | 3 541 | 4 041 | 4 541  | 5 141  | 5 791  |  |
| 1,35        | 315                       | 425    | –           | 536   | 667   | 817   | 993   | 1 193 | 1 418 | 1 668 | 1 918 | 2 218 | 2 569 | 2 969 | 3 419 | 3 919 | 4 419  | 5 019  | 5 669  |  |
| 1,40        | 400                       | 560    | –           | –     | 641   | 817   | 1 018 | 1 244 | 1 494 | 1 744 | 2 044 | 2 394 | 2 794 | 3 244 | 3 744 | 4 244 | 4 844  | 5 494  | –      |  |
| 1,40        | 450                       | 630    | –           | –     | 722   | 923   | 1 149 | 1 399 | 1 650 | 1 900 | 2 200 | 2 550 | 2 950 | 3 400 | 3 900 | 4 400 | 4 900  | 5 500  | –      |  |
| 1,41        | 224                       | 315    | 575         | 695   | 826   | 976   | 1 151 | 1 351 | 1 576 | 1 826 | 2 076 | 2 376 | 2 727 | 3 127 | 3 577 | 4 077 | 4 577  | 5 177  | 5 827  |  |
| 1,41        | 355                       | 500    | –           | 574   | 725   | 901   | 1 101 | 1 327 | 1 577 | 1 827 | 2 128 | 2 478 | 2 878 | 3 328 | 3 828 | 4 328 | 4 928  | 5 578  | –      |  |
| 1,42        | 335                       | 475    | –           | 479   | 610   | 761   | 937   | 1 137 | 1 362 | 1 613 | 1 863 | 2 163 | 2 513 | 2 913 | 3 363 | 3 864 | 4 364  | 4 964  | 5 614  |  |
| 1,42        | 250                       | 355    | 522         | 643   | 773   | 924   | 1 099 | 1 299 | 1 524 | 1 744 | 2 024 | 2 324 | 2 675 | 3 075 | 3 525 | 4 025 | 4 525  | 5 125  | 5 775  |  |
| 1,43        | 315                       | 450    | –           | 515   | 646   | 797   | 972   | 1 173 | 1 398 | 1 648 | 1 898 | 2 198 | 2 549 | 2 949 | 3 399 | 3 899 | 4 399  | 4 999  | 5 649  |  |
| 1,43        | 560                       | 800    | –           | –     | –     | –     | –     | 925   | 1 176 | 1 427 | 1 728 | 2 079 | 2 479 | 2 930 | 3 430 | 3 931 | 4 431  | 5 031  | 5 681  |  |
| 1,48        | 425                       | 630    | –           | –     | –     | –     | 740   | 941   | 1 167 | 1 418 | 1 669 | 1 969 | 2 320 | 2 720 | 3 170 | 3 670 | 4 171  | 4 771  | 5 421  |  |
| 1,49        | 335                       | 500    | –           | 589   | 740   | 916   | 1 116 | 1 342 | 1 592 | 1 843 | 2 143 | 2 493 | 2 893 | 3 344 | 3 844 | 4 344 | 4 944  | 5 594  | –      |  |
| 1,49        | 375                       | 560    | –           | –     | 660   | 836   | 1 037 | 1 263 | 1 513 | 1 764 | 2 064 | 2 414 | 2 815 | 3 265 | 3 765 | 4 265 | 4 865  | 5 515  | –      |  |
| 1,50        | 250                       | 375    | 506         | 626   | 757   | 907   | 1 083 | 1 283 | 1 508 | 1 758 | 2 008 | 2 309 | 2 659 | 3 059 | 3 509 | 4 009 | 4 509  | 5 109  | 5 759  |  |
| 1,50        | 300                       | 450    | –           | 526   | 657   | 808   | 983   | 1 184 | 1 409 | 1 660 | 1 910 | 2 210 | 2 560 | 2 960 | 3 410 | 3 911 | 4 411  | 5 011  | 5 661  |  |
| 1,51        | 315                       | 475    | –           | 493   | 625   | 776   | 951   | 1 152 | 1 378 | 1 628 | 1 878 | 2 178 | 2 529 | 2 929 | 3 379 | 3 879 | 4 379  | 4 979  | 5 629  |  |
| 1,51        | 530                       | 800    | –           | –     | –     | –     | –     | 946   | 1 198 | 1 450 | 1 751 | 2 102 | 2 502 | 2 953 | 3 453 | 3 954 | 4 454  | 5 054  | 5 704  |  |
| 1,52        | 280                       | 425    | 441         | 562   | 693   | 843   | 1 019 | 1 219 | 1 445 | 1 695 | 1 945 | 2 245 | 2 596 | 2 996 | 3 446 | 3 946 | 4 446  | 5 046  | 5 696  |  |
| 1,58        | 400                       | 630    | –           | –     | 580   | 758   | 960   | 1 186 | 1 437 | 1 688 | 1 988 |       |       |       |       |       |        |        |        |  |

# Centre distances

## Section SPC/SPC-XP/XP

Table 4h

1

| Speed ratio | Datum diameter of pulleys |        | Belt length |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |        |  |
|-------------|---------------------------|--------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--|
|             | Driver                    | Driven | 2 000       | 2 240 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 | 5 000 | 5 600 | 6 300 | 7 100 | 8 000 | 9 000 | 10 000 | 11 200 | 12 500 |  |
| –           | mm                        |        | mm          |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |        |  |
| 1,70        | 250                       | 425    | 462         | 584   | 715   | 866   | 1 041 | 1 242 | 1 468 | 1 718 | 1 968 | 2 268 | 2 619 | 3 019 | 3 469 | 3 969 | 4 469  | 5 069  | 5 716  |  |
| 1,77        | 300                       | 530    | –           | –     | 587   | 740   | 916   | 1 118 | 1 344 | 1 594 | 1 845 | 2 145 | 2 496 | 2 896 | 3 346 | 3 847 | 4 347  | 4 947  | 5 597  |  |
| 1,77        | 355                       | 630    | –           | –     | –     | 611   | 790   | 992   | 1 219 | 1 470 | 1 721 | 2 022 | 2 373 | 2 773 | 3 224 | 3 724 | 4 225  | 4 825  | 5 475  |  |
| 1,78        | 315                       | 560    | –           | –     | 549   | 702   | 880   | 1 081 | 1 307 | 1 558 | 1 809 | 2 110 | 2 460 | 2 861 | 3 311 | 3 811 | 4 311  | 4 912  | 5 562  |  |
| 1,78        | 450                       | 800    | –           | –     | –     | –     | –     | 774   | 1 003 | 1 257 | 1 509 | 1 810 | 2 162 | 2 563 | 3 014 | 3 514 | 4 015  | 4 615  | 5 266  |  |
| 1,79        | 280                       | 500    | –           | 495   | 628   | 780   | 956   | 1 157 | 1 383 | 1 634 | 1 884 | 2 185 | 2 535 | 2 936 | 3 386 | 3 886 | 4 386  | 4 986  | 5 637  |  |
| 1,79        | 560                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | 1 001 | 1 256 | 1 560 | 1 913 | 2 315 | 2 767 | 3 268 | 3 769  | 4 370  | 5 021  |  |
| 1,80        | 250                       | 450    | 439         | 562   | 693   | 845   | 1 021 | 1 221 | 1 447 | 1 698 | 1 948 | 2 248 | 2 599 | 2 999 | 3 449 | 3 949 | 4 449  | 5 050  | 5 700  |  |
| 1,80        | 236                       | 426    | 472         | 594   | 725   | 876   | 1 052 | 1 253 | 1 478 | 1 729 | 1 979 | 2 279 | 2 629 | 3 030 | 3 480 | 3 980 | 4 480  | 5 080  | 5 730  |  |
| 1,87        | 300                       | 560    | –           | –     | 560   | 713   | 890   | 1 092 | 1 318 | 1 570 | 1 820 | 2 121 | 2 471 | 2 872 | 3 322 | 3 823 | 4 323  | 4 923  | 5 573  |  |
| 1,88        | 335                       | 630    | –           | –     | –     | 625   | 804   | 1 007 | 1 234 | 1 485 | 1 736 | 2 037 | 2 388 | 2 789 | 3 239 | 3 740 | 4 240  | 4 840  | 5 490  |  |
| 1,88        | 425                       | 800    | –           | –     | –     | –     | –     | 791   | 1 021 | 1 275 | 1 527 | 1 829 | 2 180 | 2 582 | 3 033 | 3 533 | 4 034  | 4 635  | 5 285  |  |
| 1,89        | 280                       | 530    | –           | 467   | 601   | 754   | 931   | 1 132 | 1 358 | 1 609 | 1 860 | 2 161 | 2 511 | 2 911 | 3 362 | 3 862 | 4 362  | 4 963  | 5 613  |  |
| 1,90        | 250                       | 475    | –           | 539   | 671   | 823   | 1 000 | 1 201 | 1 426 | 1 677 | 1 928 | 2 228 | 2 578 | 2 979 | 3 429 | 3 929 | 4 429  | 5 030  | 5 680  |  |
| 1,91        | 236                       | 450    | 449         | 571   | 703   | 855   | 1 031 | 1 232 | 1 458 | 1 708 | 1 959 | 2 259 | 2 609 | 3 010 | 3 460 | 3 960 | 4 460  | 5 060  | 5 710  |  |
| 2,00        | 265                       | 530    | –           | 478   | 612   | 764   | 942   | 1 143 | 1 370 | 1 621 | 1 891 | 2 172 | 2 523 | 2 923 | 3 373 | 3 874 | 4 374  | 4 974  | 5 624  |  |
| 2,00        | 315                       | 630    | –           | –     | –     | 639   | 818   | 1 021 | 1 248 | 1 500 | 1 751 | 2 052 | 2 403 | 2 804 | 3 254 | 3 755 | 4 255  | 4 856  | 5 506  |  |
| 2,00        | 500                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | 1 043 | 1 298 | 1 603 | 1 957 | 2 359 | 2 811 | 3 313 | 3 814  | 4 415  | 5 066  |  |
| 2,01        | 236                       | 475    | 425         | 549   | 681   | 833   | 1 010 | 1 211 | 1 437 | 1 688 | 1 938 | 2 239 | 2 589 | 2 989 | 3 440 | 3 940 | 4 440  | 5 040  | 5 691  |  |
| 2,10        | 300                       | 630    | –           | –     | –     | 649   | 829   | 1 032 | 1 259 | 1 511 | 1 762 | 2 063 | 2 414 | 2 815 | 3 266 | 3 766 | 4 267  | 4 867  | 5 517  |  |
| 2,11        | 475                       | 1 000  | –           | –     | –     | –     | –     | –     | –     | 1 060 | 1 316 | 1 621 | 1 975 | 2 378 | 2 830 | 3 332 | 3 833  | 4 434  | 5 085  |  |
| 2,11        | 265                       | 560    | –           | –     | 584   | 738   | 915   | 1 118 | 1 344 | 1 596 | 1 846 | 2 147 | 2 498 | 2 899 | 3 349 | 3 850 | 4 350  | 4 950  | 5 600  |  |
| 2,12        | 250                       | 530    | –           | 488   | 622   | 775   | 952   | 1 154 | 1 381 | 1 632 | 1 882 | 2 183 | 2 534 | 2 934 | 3 385 | 3 885 | 4 385  | 4 986  | 5 636  |  |
| 2,12        | 224                       | 475    | 433         | 557   | 690   | 842   | 1 019 | 1 220 | 1 446 | 1 697 | 1 947 | 2 248 | 2 598 | 2 999 | 3 449 | 3 949 | 4 450  | 5 050  | 5 700  |  |
| 2,13        | 375                       | 800    | –           | –     | –     | –     | –     | 825   | 1 056 | 1 310 | 1 563 | 1 866 | 2 217 | 2 619 | 3 070 | 3 571 | 4 072  | 4 673  | 5 323  |  |
| 2,22        | 450                       | 1 000  | –           | –     | –     | –     | –     | –     | 815   | 1 077 | 1 333 | 1 639 | 1 993 | 2 396 | 2 848 | 3 350 | 3 852  | 4 453  | 5 104  |  |
| 2,23        | 224                       | 500    | –           | 534   | 667   | 820   | 997   | 1 199 | 1 425 | 1 676 | 1 927 | 2 227 | 2 578 | 2 978 | 3 429 | 3 929 | 4 430  | 5 030  | 5 680  |  |
| 2,23        | 560                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | 1 021 | 1 335 | 1 694 | 2 101 | 2 556 | 3 060 | 3 562 | 4 165  | 4 817  |        |  |
| 2,24        | 250                       | 560    | –           | –     | 594   | 748   | 926   | 1 129 | 1 355 | 1 607 | 1 858 | 2 159 | 2 509 | 2 910 | 3 361 | 3 861 | 4 361  | 4 962  | 5 612  |  |
| 2,25        | 280                       | 630    | –           | –     | –     | 663   | 842   | 1 046 | 1 274 | 1 526 | 1 777 | 2 078 | 2 429 | 2 830 | 3 281 | 3 782 | 4 282  | 4 883  | 5 533  |  |
| 2,25        | 355                       | 800    | –           | –     | –     | –     | –     | 839   | 1 070 | 1 325 | 1 578 | 1 880 | 2 232 | 2 634 | 3 085 | 3 586 | 4 087  | 4 688  | 5 339  |  |
| 2,35        | 425                       | 1 000  | –           | –     | –     | –     | –     | –     | 832   | 1 094 | 1 351 | 1 656 | 2 011 | 2 414 | 2 867 | 3 369 | 3 871  | 4 472  | 5 123  |  |
| 2,36        | 530                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | 1 040 | 1 355 | 1 715 | 2 122 | 2 578 | 3 082 | 3 585 | 4 187  | 4 839  |        |  |
| 2,37        | 236                       | 560    | –           | 467   | 603   | 758   | 936   | 1 139 | 1 366 | 1 617 | 1 868 | 2 169 | 2 520 | 2 921 | 3 371 | 3 872 | 4 372  | 4 973  | 5 623  |  |
| 2,38        | 265                       | 630    | –           | –     | 515   | 673   | 853   | 1 057 | 1 284 | 1 537 | 1 788 | 2 089 | 2 441 | 2 842 | 3 292 | 3 793 | 4 294  | 4 894  | 5 544  |  |
| 2,39        | 335                       | 800    | –           | –     | –     | –     | 642   | 852   | 1 084 | 1 339 | 1 592 | 1 895 | 2 247 | 2 649 | 3 100 | 3 602 | 4 102  | 4 703  | 5 354  |  |
| 2,50        | 224                       | 560    | –           | 475   | 611   | 766   | 945   | 1 147 | 1 374 | 1 626 | 1 877 | 2 178 | 2 529 | 2 930 | 3 380 | 3 881 | 4 381  | 4 982  | 5 632  |  |
| 2,50        | 500                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | 1 060 | 1 375 | 1 736 | 2 143 | 2 599 | 3 104 | 3 607 | 4 210  | 4 862  |        |  |
| 2,52        | 250                       | 630    | –           | –     | 525   | 683   | 863   | 1 067 | 1 295 | 1 548 | 1 799 | 2 101 | 2 452 | 2 853 | 3 304 | 3 804 | 4 305  | 4 906  | 5 556  |  |
| 2,54        | 315                       | 800    | –           | –     | –     | 655   | 866   | 1 098 | 1 353 | 1 606 | 1 857 | 2 159 | 2 510 | 2 911 | 3 362 | 3 863 | 4 364  | 4 965  | 5 615  |  |
| 2,63        | 475                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | 1 076 | 1 392 | 1 753 | 2 161 | 2 617 | 3 122 | 3 625 | 4 228  | 4 880  |        |  |
| 2,67        | 375                       | 1 000  | –           | –     | –     | –     | –     | –     | 864   | 1 127 | 1 385 | 1 692 | 2 047 | 2 451 | 2 904 | 3 406 | 3 908  | 4 510  | 5 161  |  |
| 2,67        | 236                       | 630    | –           | –     | 534   | 692   | 873   | 1 077 | 1 305 | 1 558 | 1 809 | 2 111 | 2 462 | 2 863 | 3 314 | 3 815 | 4 316  | 4 916  | 5 567  |  |
| 2,78        | 450                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | 1 092 | 1 409 | 1 770 | 2 179 | 2 635 | 3 140 | 3 644 | 4 247  | 4 899  |        |  |
| 2,81        | 224                       | 630    | –           | –     | 542   | 700   | 881   | 1 086 | 1 314 | 1 566 | 1 818 | 2 120 | 2 471 | 2 872 | 3 323 | 3 824 | 4 325  | 4 925  | 5 576  |  |
| 2,82        | 355                       | 1 000  | –           | –     | –     | –     | –     | 877   | 1 141 | 1 399 | 1 706 | 2 061 | 2 465 | 2 919 | 3 421 | 3 923 | 4 525  | 5 176  |        |  |
| 2,86        | 280                       | 800    | –           | –     | –     | 677   | 889   | 1 122 | 1 378 | 1 631 | 1 935 | 2 287 | 2 690 | 3 141 | 3 643 | 4 144 | 4 745  | 5 396  |        |  |
| 2,94        | 425                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | 1 108 | 1 425 | 1 788 | 2 196 | 2 653 | 3 158 | 3 662 | 4 265  | 4 918  |        |  |
| 2,99        | 335                       | 1 000  | –           | –     | –     | –     | –     | 890   | 1 154 | 1 413 | 1 720 | 2 075 | 2 480 | 2 933 | 3 436 | 3 938 | 4 540  | 5 191  |        |  |
| 3,02        | 265                       | 800    | –           | –     | –     | –     | 687   | 899   | 1 132 | 1 388 | 1 642 | 1 946 | 2 298 | 2 701 | 3 153 | 3 654 | 4 155  | 4 756  | 5 407  |  |
| 3,13        | 400                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | 1 124 | 1 442 | 1 805 | 2 214 | 2 671 | 3 176 | 3 680 | 4 284  | 4 936  |        |  |
| 3,17        | 315                       | 1 000  | –           | –     | –     | –     | –     | 903   | 1 167 | 1 427 | 1 734 | 2 090 | 2 494 | 2 948 | 3 451 | 3 953 | 4 555  | 5 206  |        |  |
| 3,20        | 250                       | 800    | –           | –     | –     | –     | 696   | 909   | 1 143 | 1 399 | 1 653 | 1 956 | 2 309 | 2 712 | 3 164 | 3 665 | 4 167  | 4 768  | 5 419  |  |
| 3,33        | 300                       | 1 000  | –           | –     | –     | –     | –     | –     | 912   | 1 177 | 1 437 | 1 744 | 2 100 | 2 505 | 2 959 | 3 462 | 3 964  | 4 566  | 5 218  |  |
| 3,39        | 236                       | 800    | –           | –     | –     | –     | 705   | 918   | 1 152 | 1 409 | 1 663 | 1 967 | 2 320 | 2 722 | 3 174 | 3 676 | 4 177  | 4 778  | 5 429  |  |
| 3,52        | 355                       | 1 250  | –           | –     | –     | –     | –     | –     | –     | 876   | 1 153 | 1 472 | 1 836 | 2 245 | 2 703 | 3 209 | 3 713  | 4 317  | 4 970  |  |
| 3,57        | 224                       | 800    | –           | –     | 516   | 713   | 926   | 1 160 | 1 417 | 1 671 | 1 975 | 2 328 | 2 731 | 3 183 | 3 685 | 4 186 | 4 787  | 5 439  |        |  |
| 3,73        | 335                       | 1 250  | –           | –     | –     | –     | –     | –     | 888   | 1 166 | 1 485 | 1 849 | 2 259 | 2 717 | 3 223 | 3 728 | 4 332  | 4 985  |        |  |
| 3,77        | 265                       | 1 000  | –           | –     | –     | –     | –     | 935   | 1 201 | 1 461 | 1 769 | 2 125 | 2 530 | 2 984 | 3 488 | 3 990 | 4 592  | 5 244  |        |  |
| 3,97        | 315                       | 1 250  | –           | –     | –     | –     | –     | –     | 900   | 1 179 | 1 499 | 1 863 | 2 273 | 2 731 | 3 238 | 3 742 | 4 346  | 5 000  |        |  |
| 4,00        | 250                       | 1 000  | –           | –     | –     | –     | –     | 944   | 1 211 | 1 471 | 1 779 | 2 136 | 2 541 | 2 995 | 3 499 | 4 001 | 4 603  | 5 255  |        |  |
| 4,17        | 300                       | 1 250  | –           | –     | –     | –     | –     | –     | 909   | 1 188 | 1 508 | 1 873 | 2 284 | 2 742 | 3 249 | 3 753 | 4 357  | 5 011  |        |  |
| 4,24        | 236                       | 1 000  | –           | –     | –     | –     | –     | 953   | 1 220 | 1 480 | 1 789 | 2 146 | 2 551 | 3 005 | 3 509 | 4 012 | 4 612  | 5 266  |        |  |
| 4,46        | 280                       | 1 250  | –           | –     | –     | –     | –     | –     | 921   | 1 201 | 1 522 | 1 887 | 2 298 | 2 756 | 3 263 | 3 768 | 4 372  | 5 026  |        |  |
| 4,72        | 265                       | 1 250  | –           | –     | –     | –     | –     | –     | 930   | 1 211 | 1 532 | 1 897 | 2 308 | 2 767 | 3 274 | 3 776 | 4 383  | 5 037  |        |  |
| 5,00        | 250                       | 1 250  | –           | –     | –     | –     | –     | –     | 939   | 1 220 | 1 541 | 1 907 | 2 319 | 2 777 | 3 284 | 3 790 | 4 394  | 5 048  |        |  |
| 5,30        | 236                       | 1 250  | –           | –     | –     | –</   |       |       |       |       |       |       |       |       |       |       |        |        |        |  |

Centre distances  
Section 5V/5V-XP/5VX

Table 4i

| Speed ratio | Pulley outside diameter |          | Belt length |     |     |     |       |       |       |       |       |       |       |       |
|-------------|-------------------------|----------|-------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
|             | Driver                  | Driven   | 5V          | 5V  | 5V  | 5V  | 5V    | 5V    | 5V    | 5V    | 5V    | 5VX   | 5VX   | 5VX   |
|             |                         |          | 5VX         | 5VX | 5VX | 5VX | 5VX   | 5VX   | 5VX   | 5VX   | 5VX   | 5VX   | 5VX   | 2 240 |
| –           | in.                     | 1/10 in. | 630         | 710 | 800 | 900 | 1 000 | 1 250 | 1 400 | 1 700 | 2 000 | 2 240 | 2 500 | 3 000 |
| 1,00        | *4,40                   | *4,40    | 625         | 726 | 841 | 968 | 1 095 | 1 412 | 1 603 | 1 984 | 2 365 | –     | –     | –     |
| 1,00        | *4,65                   | *4,65    | 615         | 716 | 831 | 958 | 1 085 | 1 402 | 1 593 | 1 974 | 2 355 | –     | –     | –     |
| 1,00        | *4,90                   | *4,90    | 605         | 706 | 820 | 947 | 1 074 | 1 392 | 1 582 | 1 963 | 2 344 | –     | –     | –     |
| 1,00        | *5,20                   | *5,20    | 592         | 693 | 808 | 935 | 1 062 | 1 379 | 1 570 | 1 951 | 2 332 | –     | –     | –     |
| 1,00        | *5,50                   | *5,50    | 582         | 683 | 798 | 925 | 1 052 | 1 369 | 1 560 | 1 941 | 2 322 | –     | –     | –     |
| 1,00        | *5,90                   | *5,90    | 564         | 665 | 780 | 907 | 1 034 | 1 351 | 1 542 | 1 923 | 2 304 | –     | –     | –     |
| 1,00        | *6,30                   | *6,30    | 549         | 650 | 765 | 892 | 1 019 | 1 336 | 1 527 | 1 908 | 2 289 | –     | –     | –     |
| 1,00        | *6,70                   | *6,70    | 533         | 635 | 749 | 876 | 1 003 | 1 321 | 1 511 | 1 892 | 2 273 | –     | –     | –     |
| 1,00        | 7,10                    | 7,10     | 516         | 617 | 732 | 859 | 986   | 1 303 | 1 494 | 1 875 | 2 256 | 2 560 | 2 891 | 3 526 |
| 1,00        | 7,50                    | 7,50     | 500         | 602 | 716 | 843 | 970   | 1 288 | 1 478 | 1 859 | 2 240 | 2 545 | 2 875 | 3 510 |
| 1,00        | 8,00                    | 8,00     | 480         | 582 | 696 | 823 | 950   | 1 267 | 1 458 | 1 839 | 2 220 | 2 525 | 2 855 | 3 490 |
| 1,00        | 8,50                    | 8,50     | 460         | 561 | 676 | 803 | 930   | 1 247 | 1 438 | 1 819 | 2 200 | 2 504 | 2 835 | 3 470 |
| 1,00        | 9,00                    | 9,00     | 442         | 544 | 658 | 785 | 912   | 1 229 | 1 420 | 1 801 | 2 182 | 2 487 | 2 817 | 3 452 |
| 1,00        | 9,25                    | 9,25     | 432         | 533 | 648 | 775 | 902   | 1 219 | 1 410 | 1 791 | 2 172 | 2 477 | 2 807 | 3 442 |
| 1,00        | 9,75                    | 9,75     | 411         | 513 | 627 | 754 | 881   | 1 199 | 1 389 | 1 770 | 2 151 | 2 456 | 2 786 | 3 421 |
| 1,00        | 10,30                   | 10,30    | 389         | 490 | 605 | 732 | 859   | 1 176 | 1 367 | 1 748 | 2 129 | 2 433 | 2 764 | 3 399 |
| 1,00        | 10,90                   | 10,90    | 366         | 467 | 582 | 709 | 836   | 1 153 | 1 344 | 1 725 | 2 106 | 2 410 | 2 741 | 3 376 |
| 1,00        | 11,30                   | 11,30    | 351         | 452 | 566 | 693 | 820   | 1 138 | 1 328 | 1 709 | 2 090 | 2 395 | 2 725 | 3 360 |
| 1,00        | 11,80                   | 11,80    | 330         | 432 | 546 | 673 | 800   | 1 118 | 1 308 | 1 689 | 2 070 | 2 375 | 2 705 | 3 340 |
| 1,00        | 12,50                   | 12,50    | –           | 404 | 518 | 645 | 772   | 1 090 | 1 280 | 1 661 | 2 042 | 2 347 | 2 677 | 3 312 |
| 1,00        | 13,20                   | 13,20    | –           | 376 | 490 | 617 | 744   | 1 062 | 1 252 | 1 633 | 2 014 | 2 319 | 2 649 | 3 284 |
| 1,00        | 14,00                   | 14,00    | –           | –   | 457 | 584 | 711   | 1 029 | 1 219 | 1 600 | 1 981 | 2 286 | 2 616 | 3 251 |
| 1,00        | 15,00                   | 15,00    | –           | –   | 417 | 544 | 671   | 988   | 1 179 | 1 560 | 1 941 | 2 245 | 2 576 | 3 211 |
| 1,00        | 16,00                   | 16,00    | –           | –   | 505 | 632 | 759   | 950   | 1 140 | 1 521 | 1 902 | 2 207 | 2 537 | 3 172 |
| 1,03        | 9,00                    | 9,25     | 437         | 538 | 653 | 780 | 907   | 1 224 | 1 415 | 1 796 | 2 177 | 2 482 | 2 812 | 3 447 |
| 1,04        | 10,90                   | 11,30    | 358         | 460 | 574 | 701 | 828   | 1 146 | 1 336 | 1 717 | 2 098 | 2 403 | 2 733 | 3 368 |
| 1,04        | 11,30                   | 11,80    | 340         | 442 | 556 | 683 | 810   | 1 128 | 1 318 | 1 699 | 2 080 | 2 385 | 2 715 | 3 350 |
| 1,05        | *4,65                   | *4,90    | 610         | 711 | 826 | 953 | 1 080 | 1 397 | 1 588 | 1 969 | 2 350 | –     | –     | –     |
| 1,05        | 9,25                    | 9,75     | 422         | 523 | 638 | 765 | 892   | 1 209 | 1 400 | 1 781 | 2 162 | 2 466 | 2 797 | 3 432 |
| 1,06        | *4,40                   | *4,65    | 620         | 721 | 836 | 963 | 1 090 | 1 407 | 1 598 | 1 979 | 2 360 | –     | –     | –     |
| 1,06        | *4,90                   | *5,20    | 599         | 701 | 815 | 942 | 1 069 | 1 387 | 1 577 | 1 958 | 2 339 | –     | –     | –     |
| 1,06        | *5,20                   | *5,50    | 587         | 688 | 803 | 930 | 1 057 | 1 374 | 1 565 | 1 946 | 2 327 | –     | –     | –     |
| 1,06        | *6,30                   | *6,70    | 541         | 643 | 757 | 884 | 1 011 | 1 328 | 1 519 | 1 900 | 2 281 | –     | –     | –     |
| 1,06        | *6,70                   | 7,10     | 526         | 627 | 742 | 869 | 996   | 1 313 | 1 504 | 1 885 | 2 266 | –     | –     | –     |
| 1,06        | 7,10                    | 7,50     | 508         | 610 | 724 | 851 | 978   | 1 295 | 1 486 | 1 867 | 2 248 | 2 553 | 2 883 | 3 518 |
| 1,06        | 8,00                    | 8,50     | 470         | 572 | 686 | 813 | 940   | 1 257 | 1 448 | 1 829 | 2 210 | 2 515 | 2 845 | 3 480 |
| 1,06        | 8,50                    | 9,00     | 452         | 554 | 668 | 795 | 922   | 1 240 | 1 430 | 1 811 | 2 192 | 2 497 | 2 827 | 3 462 |
| 1,06        | 9,75                    | 10,30    | 401         | 503 | 617 | 744 | 871   | 1 189 | 1 379 | 1 760 | 2 141 | 2 446 | 2 776 | 3 411 |
| 1,06        | 10,30                   | 10,90    | 376         | 478 | 592 | 719 | 846   | 1 163 | 1 354 | 1 735 | 2 116 | 2 421 | 2 751 | 3 386 |
| 1,06        | 11,80                   | 12,50    | –           | 417 | 531 | 658 | 785   | 1 102 | 1 293 | 1 674 | 2 055 | 2 360 | 2 690 | 3 325 |
| 1,06        | 12,50                   | 13,20    | –           | 389 | 503 | 630 | 757   | 1 074 | 1 265 | 1 646 | 2 027 | 2 332 | 2 662 | 3 297 |
| 1,06        | 13,20                   | 14,00    | –           | –   | 472 | 599 | 726   | 1 044 | 1 234 | 1 615 | 1 996 | 2 301 | 2 631 | 3 266 |
| 1,07        | *5,50                   | *5,90    | 572         | 673 | 787 | 914 | 1 041 | 1 359 | 1 549 | 1 930 | 2 311 | –     | –     | –     |
| 1,07        | *5,90                   | *6,30    | 556         | 658 | 772 | 899 | 1 026 | 1 344 | 1 534 | 1 915 | 2 296 | –     | –     | –     |
| 1,07        | 7,50                    | 8,00     | 490         | 592 | 706 | 833 | 960   | 1 278 | 1 468 | 1 849 | 2 230 | 2 535 | 2 865 | 3 500 |
| 1,07        | 14,00                   | 15,00    | –           | –   | 437 | 564 | 691   | 1 008 | 1 199 | 1 580 | 1 961 | 2 266 | 2 596 | 3 231 |
| 1,07        | 15,00                   | 16,00    | –           | –   | 523 | 650 | 777   | 968   | 1 158 | 1 542 | 1 923 | 2 228 | 2 558 | 3 193 |
| 1,08        | 9,00                    | 9,75     | 427         | 528 | 643 | 770 | 897   | 1 214 | 1 405 | 1 786 | 2 167 | 2 471 | 2 802 | 3 437 |
| 1,08        | 10,90                   | 11,80    | 348         | 450 | 564 | 691 | 818   | 1 135 | 1 326 | 1 707 | 2 088 | 2 393 | 2 723 | 3 358 |
| 1,09        | 8,50                    | 9,25     | 447         | 549 | 663 | 790 | 917   | 1 234 | 1 425 | 1 806 | 2 187 | 2 492 | 2 822 | 3 457 |
| 1,10        | 10,30                   | 11,30    | 368         | 470 | 584 | 711 | 838   | 1 156 | 1 346 | 1 727 | 2 108 | 2 413 | 2 743 | 3 378 |
| 1,11        | 9,25                    | 10,30    | 409         | 511 | 625 | 752 | 879   | 1 196 | 1 387 | 1 768 | 2 149 | 2 454 | 2 784 | 3 419 |
| 1,11        | 11,30                   | 12,50    | –           | 427 | 541 | 668 | 795   | 1 113 | 1 303 | 1 684 | 2 065 | 2 370 | 2 700 | 3 335 |
| 1,12        | *4,40                   | *4,90    | 615         | 716 | 831 | 958 | 1 085 | 1 402 | 1 593 | 1 974 | 2 355 | –     | –     | –     |
| 1,12        | *4,65                   | *5,20    | 605         | 706 | 820 | 947 | 1 074 | 1 392 | 1 582 | 1 963 | 2 344 | –     | –     | –     |
| 1,12        | *6,70                   | 7,50     | 516         | 617 | 732 | 859 | 986   | 1 303 | 1 494 | 1 875 | 2 256 | –     | –     | –     |
| 1,12        | 9,75                    | 10,90    | 389         | 490 | 605 | 732 | 859   | 1 176 | 1 367 | 1 748 | 2 129 | 2 433 | 2 764 | 3 399 |
| 1,12        | 11,80                   | 13,20    | –           | 401 | 518 | 645 | 772   | 1 090 | 1 280 | 1 661 | 2 042 | 2 347 | 2 677 | 3 312 |
| 1,12        | 12,50                   | 14,00    | –           | 373 | 488 | 615 | 742   | 1 059 | 1 250 | 1 631 | 2 012 | 2 316 | 2 647 | 3 282 |
| 1,13        | *4,90                   | *5,50    | 592         | 693 | 808 | 935 | 1 062 | 1 379 | 1 570 | 1 951 | 2 332 | –     | –     | –     |
| 1,13        | *6,30                   | 7,10     | 533         | 635 | 749 | 876 | 1 003 | 1 321 | 1 511 | 1 892 | 2 273 | –     | –     | –     |
| 1,13        | 7,10                    | 8,00     | 498         | 599 | 714 | 841 | 968   | 1 285 | 1 476 | 1 857 | 2 238 | 2 543 | 2 873 | 3 508 |
| 1,13        | 8,00                    | 9,00     | 460         | 561 | 676 | 803 | 930   | 1 247 | 1 438 | 1 819 | 2 200 | 2 504 | 2 835 | 3 470 |
| 1,14        | *5,20                   | *5,90    | 579         | 681 | 795 | 922 | 1 049 | 1 367 | 1 557 | 1 938 | 2 319 | –     | –     | –     |
| 1,14        | *5,90                   | *6,70    | 549         | 650 | 765 | 892 | 1 019 | 1 336 | 1 527 | 1 908 | 2 289 | –     | –     | –     |
| 1,14        | 7,50                    | 8,50     | 480         | 582 | 696 | 823 | 950   | 1 267 | 1 458 | 1 839 | 2 220 | 2 525 | 2 855 | 3 490 |
| 1,14        | 13,20                   | 15,00    | –           | –   | 452 | 579 | 706   | 1 024 | 1 214 | 1 595 | 1 976 | 2 281 | 2 611 | 3 246 |
| 1,14        | 14,00                   | 16,00    | –           | –   | 417 | 544 | 671   | 988   | 1 179 | 1 560 | 1 941 | 2 245 | 2 576 | 3 211 |
| 1,15        | *5,50                   | *6,30    | 564         | 665 | 780 | 907 | 1 034 | 1 351 | 1 542 | 1 923 | 2 304 | –     | –     | –     |
| 1,15        | 8,50                    | 9,75     | 437         | 538 | 653 | 780 | 907   | 1 224 | 1 415 | 1 796 | 2 177 | 2 482 | 2 812 | 3 447 |
| 1,15        | 9,00                    | 10,30    | 414         | 516 | 630 | 757 | 884   | 1 201 | 1 392 | 1 773 | 2 154 | 2 459 | 2 789 | 3 424 |
| 1,15        | 10,30                   | 11,80    | 358         | 460 | 574 | 701 | 828   | 1 146 | 1 336 | 1 717 | 2 098 | 2 403 | 2 733 | 3 368 |
| 1,15        | 10,90                   | 12,50    | 333         | 434 | 549 | 676 | 803   | 1 120 | 1 311 | 1 692 | 2 073 | 2 377 | 2 708 | 3 343 |
| 1,16        | 8,00                    | 9,25     | 455         | 556 | 671 | 798 | 925   | 1 242 | 1 433 | 1 814 | 2 195 | 2 499 | 2 832 | 3 467 |
| 1,16        | 9,75                    | 11,30    | 378         | 483 | 597 | 724 | 851   | 1 168 | 1 359 | 1 740 | 2 121 | 2 426 | 2 756 | 3 391 |

\*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

# Centre distances

## Section 5V/5V-XP/5VX

Table 4j

1

| Speed ratio | Pulley outside diameter |                                  | Belt length |     |     |     |       |       |       |       |       |       |       |       |
|-------------|-------------------------|----------------------------------|-------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
|             | Driver                  | Driven                           | 5V          | 5V  | 5V  | 5V  | 5V    | 5V    | 5V    | 5V    | 5V    | 5VX   | 5VX   | 5VX   |
|             |                         |                                  | 5VX         | 5VX | 5VX | 5VX | 5VX   | 5VX   | 5VX   | 5VX   | 5VX   | 5VX   | 2 240 | 2 500 |
| –           | in.                     | <sup>1</sup> / <sub>10</sub> in. | 630         | 710 | 800 | 900 | 1 000 | 1 250 | 1 400 | 1 700 | 2 000 | 2 240 | 2 500 | 3 000 |
| 1,17        | 11,30                   | 13,20                            | –           | 411 | 526 | 653 | 780   | 1 097 | 1 288 | 1 671 | 2 052 | 2 357 | 2 687 | 3 322 |
| 1,17        | 16,00                   | 18,70                            | –           | –   | –   | –   | 577   | 894   | 1 085 | 1 466 | 1 847 | 2 151 | 2 482 | 3 117 |
| 1,18        | 9,25                    | 10,90                            | 399         | 500 | 615 | 742 | 869   | 1 186 | 1 377 | 1 758 | 2 139 | 2 443 | 2 774 | 3 409 |
| 1,19        | *4,40                   | *5,20                            | 610         | 711 | 826 | 953 | 1 080 | 1 397 | 1 588 | 1 969 | 2 350 | –     | –     | –     |
| 1,19        | *4,65                   | *5,50                            | 597         | 699 | 813 | 940 | 1 067 | 1 384 | 1 575 | 1 956 | 2 337 | –     | –     | –     |
| 1,19        | *6,30                   | 7,50                             | 526         | 627 | 742 | 869 | 996   | 1 313 | 1 504 | 1 885 | 2 266 | –     | –     | –     |
| 1,19        | 11,80                   | 14,00                            | –           | 386 | 500 | 627 | 754   | 1 072 | 1 262 | 1 643 | 2 024 | 2 329 | 2 659 | 3 294 |
| 1,20        | *6,70                   | 8,00                             | 505         | 607 | 721 | 848 | 975   | 1 295 | 1 486 | 1 867 | 2 248 | –     | –     | –     |
| 1,20        | 7,10                    | 8,50                             | 488         | 589 | 704 | 831 | 958   | 1 275 | 1 466 | 1 847 | 2 228 | 2 532 | 2 863 | 3 498 |
| 1,20        | 7,50                    | 9,00                             | 470         | 572 | 686 | 813 | 940   | 1 257 | 1 448 | 1 829 | 2 210 | 2 515 | 2 845 | 3 480 |
| 1,20        | 12,50                   | 15,00                            | –           | –   | 467 | 594 | 721   | 1 039 | 1 229 | 1 610 | 1 991 | 2 296 | 2 626 | 3 261 |
| 1,21        | *4,90                   | *5,90                            | 584         | 686 | 800 | 927 | 1 054 | 1 372 | 1 562 | 1 943 | 2 324 | –     | –     | –     |
| 1,21        | *5,90                   | 7,10                             | 541         | 643 | 757 | 884 | 1 011 | 1 328 | 1 519 | 1 900 | 2 281 | –     | –     | –     |
| 1,21        | 8,50                    | 10,30                            | 424         | 526 | 640 | 767 | 894   | 1 212 | 1 402 | 1 783 | 2 164 | 2 469 | 2 799 | 3 434 |
| 1,21        | 9,00                    | 10,90                            | 401         | 503 | 620 | 747 | 874   | 1 191 | 1 382 | 1 763 | 2 144 | 2 449 | 2 779 | 3 414 |
| 1,21        | 9,75                    | 11,80                            | 368         | 470 | 587 | 714 | 841   | 1 158 | 1 349 | 1 730 | 2 111 | 2 416 | 2 746 | 3 381 |
| 1,21        | 10,90                   | 13,20                            | –           | 419 | 533 | 660 | 790   | 1 107 | 1 298 | 1 679 | 2 060 | 2 365 | 2 695 | 3 330 |
| 1,21        | 13,20                   | 16,00                            | –           | –   | 432 | 559 | 686   | 1 003 | 1 194 | 1 577 | 1 958 | 2 263 | 2 593 | 3 228 |
| 1,22        | *5,20                   | *6,30                            | 572         | 673 | 787 | 914 | 1 041 | 1 359 | 1 549 | 1 930 | 2 311 | –     | –     | –     |
| 1,22        | *5,50                   | *6,70                            | 556         | 658 | 772 | 899 | 1 026 | 1 344 | 1 534 | 1 915 | 2 296 | –     | –     | –     |
| 1,22        | 8,00                    | 9,75                             | 445         | 546 | 660 | 787 | 914   | 1 234 | 1 425 | 1 806 | 2 187 | 2 492 | 2 822 | 3 457 |
| 1,22        | 9,25                    | 11,30                            | 389         | 490 | 605 | 732 | 859   | 1 176 | 1 367 | 1 750 | 2 131 | 2 436 | 2 766 | 3 401 |
| 1,22        | 10,30                   | 12,50                            | 343         | 447 | 561 | 688 | 815   | 1 133 | 1 323 | 1 704 | 2 085 | 2 390 | 2 720 | 3 355 |
| 1,24        | 7,50                    | 9,25                             | 465         | 566 | 681 | 808 | 935   | 1 252 | 1 443 | 1 824 | 2 205 | 2 510 | 2 840 | 3 475 |
| 1,24        | 11,30                   | 14,00                            | –           | 396 | 511 | 638 | 765   | 1 082 | 1 273 | 1 654 | 2 035 | 2 339 | 2 670 | 3 305 |
| 1,25        | 15,00                   | 18,70                            | –           | –   | –   | 467 | 597   | 914   | 1 105 | 1 486 | 1 867 | 2 172 | 2 502 | 3 137 |
| 1,26        | *4,40                   | *5,50                            | 602         | 704 | 818 | 945 | 1 072 | 1 389 | 1 580 | 1 961 | 2 342 | –     | –     | –     |
| 1,26        | 9,00                    | 11,30                            | 394         | 495 | 610 | 737 | 864   | 1 181 | 1 372 | 1 753 | 2 134 | 2 438 | 2 771 | 3 406 |
| 1,27        | *4,65                   | *5,90                            | 589         | 691 | 805 | 932 | 1 059 | 1 377 | 1 567 | 1 948 | 2 329 | –     | –     | –     |
| 1,27        | *6,30                   | 8,00                             | 516         | 617 | 732 | 859 | 986   | 1 303 | 1 494 | 1 875 | 2 256 | –     | –     | –     |
| 1,27        | *6,70                   | 8,50                             | 495         | 597 | 711 | 838 | 968   | 1 285 | 1 476 | 1 857 | 2 238 | –     | –     | –     |
| 1,27        | 7,10                    | 9,00                             | 478         | 579 | 693 | 820 | 947   | 1 265 | 1 455 | 1 836 | 2 217 | 2 525 | 2 855 | 3 490 |
| 1,27        | 11,80                   | 15,00                            | –           | 366 | 480 | 607 | 734   | 1 052 | 1 242 | 1 623 | 2 004 | 2 309 | 2 639 | 3 274 |
| 1,28        | *5,90                   | 7,50                             | 533         | 635 | 749 | 876 | 1 003 | 1 321 | 1 511 | 1 892 | 2 273 | –     | –     | –     |
| 1,28        | 9,25                    | 11,80                            | 378         | 480 | 594 | 721 | 848   | 1 166 | 1 359 | 1 740 | 2 121 | 2 426 | 2 756 | 3 391 |
| 1,28        | 9,75                    | 12,50                            | 356         | 457 | 572 | 699 | 826   | 1 143 | 1 334 | 1 715 | 2 096 | 2 400 | 2 731 | 3 366 |
| 1,28        | 10,30                   | 13,20                            | 330         | 432 | 546 | 673 | 800   | 1 118 | 1 308 | 1 689 | 2 070 | 2 375 | 2 705 | 3 340 |
| 1,28        | 12,50                   | 16,00                            | –           | –   | 445 | 572 | 701   | 1 019 | 1 209 | 1 590 | 1 971 | 2 276 | 2 606 | 3 241 |
| 1,29        | *4,90                   | *6,30                            | 577         | 678 | 792 | 919 | 1 046 | 1 364 | 1 554 | 1 935 | 2 316 | –     | –     | –     |
| 1,29        | *5,20                   | *6,70                            | 561         | 663 | 777 | 904 | 1 031 | 1 349 | 1 539 | 1 923 | 2 304 | –     | –     | –     |
| 1,29        | 8,00                    | 10,30                            | 434         | 536 | 650 | 777 | 904   | 1 222 | 1 412 | 1 793 | 2 174 | 2 479 | 2 809 | 3 444 |
| 1,29        | 8,50                    | 10,90                            | 411         | 513 | 627 | 754 | 881   | 1 199 | 1 392 | 1 773 | 2 154 | 2 459 | 2 789 | 3 424 |
| 1,29        | 10,90                   | 14,00                            | –           | 404 | 518 | 645 | 772   | 1 090 | 1 280 | 1 661 | 2 042 | 2 347 | 2 677 | 3 312 |
| 1,30        | *5,50                   | 7,10                             | 549         | 650 | 765 | 892 | 1 019 | 1 336 | 1 527 | 1 908 | 2 289 | –     | –     | –     |
| 1,30        | 7,50                    | 9,75                             | 455         | 556 | 671 | 798 | 925   | 1 242 | 1 433 | 1 814 | 2 195 | 2 499 | 2 830 | 3 465 |
| 1,31        | 7,10                    | 9,25                             | 472         | 574 | 688 | 815 | 942   | 1 260 | 1 450 | 1 834 | 2 215 | 2 520 | 2 850 | 3 485 |
| 1,31        | 9,00                    | 11,80                            | 384         | 485 | 599 | 726 | 853   | 1 171 | 1 361 | 1 742 | 2 126 | 2 431 | 2 761 | 3 396 |
| 1,33        | 8,50                    | 11,30                            | 404         | 505 | 620 | 747 | 874   | 1 191 | 1 382 | 1 763 | 2 144 | 2 449 | 2 779 | 3 414 |
| 1,33        | 11,30                   | 15,00                            | –           | 373 | 490 | 617 | 744   | 1 062 | 1 252 | 1 633 | 2 014 | 2 319 | 2 649 | 3 284 |
| 1,33        | 16,00                   | 21,20                            | –           | –   | –   | –   | 523   | 843   | 1 034 | 1 415 | 1 796 | 2 101 | 2 431 | 3 068 |
| 1,34        | 14,00                   | 18,70                            | –           | –   | –   | 488 | 615   | 932   | 1 125 | 1 506 | 1 887 | 2 192 | 2 522 | 3 157 |
| 1,35        | *4,40                   | *5,90                            | 594         | 696 | 810 | 937 | 1 064 | 1 382 | 1 572 | 1 953 | 2 334 | –     | –     | –     |
| 1,35        | *6,30                   | 8,50                             | 503         | 607 | 721 | 848 | 975   | 1 293 | 1 483 | 1 864 | 2 245 | –     | –     | –     |
| 1,35        | *6,70                   | 9,00                             | 485         | 587 | 701 | 828 | 958   | 1 275 | 1 466 | 1 847 | 2 228 | –     | –     | –     |
| 1,36        | *4,65                   | *6,30                            | 582         | 683 | 798 | 925 | 1 052 | 1 369 | 1 560 | 1 941 | 2 322 | –     | –     | –     |
| 1,36        | *5,90                   | 8,00                             | 523         | 625 | 739 | 866 | 993   | 1 311 | 1 501 | 1 882 | 2 263 | –     | –     | –     |
| 1,36        | 9,25                    | 12,50                            | 363         | 465 | 582 | 709 | 836   | 1 153 | 1 344 | 1 725 | 2 106 | 2 410 | 2 741 | 3 376 |
| 1,36        | 9,75                    | 13,20                            | 340         | 442 | 556 | 683 | 810   | 1 128 | 1 318 | 1 702 | 2 083 | 2 388 | 2 718 | 3 353 |
| 1,36        | 10,30                   | 14,00                            | –           | 414 | 528 | 655 | 785   | 1 102 | 1 293 | 1 674 | 2 055 | 2 360 | 2 690 | 3 325 |
| 1,36        | 11,80                   | 16,00                            | –           | –   | 457 | 587 | 714   | 1 031 | 1 222 | 1 603 | 1 984 | 2 289 | 2 619 | 3 254 |
| 1,37        | *4,90                   | *6,70                            | 569         | 671 | 785 | 912 | 1 039 | 1 356 | 1 547 | 1 928 | 2 309 | –     | –     | –     |
| 1,37        | *5,20                   | 7,10                             | 554         | 655 | 770 | 897 | 1 024 | 1 341 | 1 532 | 1 913 | 2 294 | –     | –     | –     |
| 1,37        | *5,50                   | 7,50                             | 541         | 643 | 757 | 884 | 1 011 | 1 328 | 1 519 | 1 900 | 2 281 | –     | –     | –     |
| 1,37        | 8,00                    | 10,90                            | 422         | 523 | 638 | 765 | 892   | 1 209 | 1 400 | 1 781 | 2 162 | 2 466 | 2 797 | 3 432 |
| 1,38        | 7,10                    | 9,75                             | 462         | 564 | 678 | 805 | 932   | 1 250 | 1 443 | 1 824 | 2 205 | 2 510 | 2 840 | 3 475 |
| 1,38        | 7,50                    | 10,30                            | 445         | 546 | 660 | 787 | 914   | 1 232 | 1 422 | 1 803 | 2 184 | 2 489 | 2 819 | 3 454 |
| 1,38        | 10,90                   | 15,00                            | –           | 381 | 498 | 625 | 752   | 1 069 | 1 260 | 1 641 | 2 022 | 2 327 | 2 657 | 3 292 |
| 1,39        | *6,70                   | 9,25                             | 480         | 582 | 696 | 823 | 953   | 1 270 | 1 461 | 1 842 | 2 223 | –     | –     | –     |
| 1,39        | 8,50                    | 11,80                            | 394         | 495 | 610 | 737 | 864   | 1 181 | 1 372 | 1 753 | 2 134 | 2 438 | 2 769 | 3 404 |
| 1,39        | 9,00                    | 12,50                            | 368         | 470 | 584 | 714 | 841   | 1 158 | 1 349 | 1 730 | 2 111 | 2 416 | 2 746 | 3 381 |
| 1,42        | 8,00                    | 11,30                            | 414         | 516 | 630 | 757 | 884   | 1 201 | 1 392 | 1 773 | 2 154 | 2 459 | 2 789 | 3 424 |
| 1,42        | 11,30                   | 16,00                            | –           | –   | 467 | 594 | 724   | 1 041 | 1 232 | 1 613 | 1 994 | 2 299 | 2 629 | 3 264 |
| 1,42        | 13,20                   | 18,70                            | –           | –   | –   | 503 | 630   | 947   | 1 140 | 1 521 | 1 902 | 2 207 | 2 537 | 3 172 |
| 1,42        | 15,00                   | 21,20                            | –           | –   | –   | –   | 541   | 861   | 1 054 | 1 435 | 1 816 | 2 121 | 2 451 | 3 086 |
| 1,43        | 9,25                    | 13,20                            | 348         | 452 | 566 | 693 | 820   | 1 138 | 1 328 | 1 709 | 2 090 | 2 395 | 2 725 | 3 363 |

\*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

Centre distances  
Section 5V/5V-XP/5VX

Table 4k

| Speed ratio | Pulley outside diameter |          | Belt length |            |            |            |              |              |              |              |              |              |              |              |       |
|-------------|-------------------------|----------|-------------|------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|
|             | Driver                  | Driven   | 5V          | 5V         | 5V         | 5V         | 5V           | 5V           | 5V           | 5V           | 5V           | 5V           | 5V           |              |       |
|             |                         |          | 5VX<br>630  | 5VX<br>710 | 5VX<br>800 | 5VX<br>900 | 5VX<br>1 000 | 5VX<br>1 250 | 5VX<br>1 400 | 5VX<br>1 700 | 5VX<br>2 000 | 5VX<br>2 240 | 5VX<br>2 500 | 5VX<br>3 000 |       |
| –           | in.                     | 1/10 in. |             |            |            |            |              |              |              |              |              |              |              |              |       |
| 1,44        | *4,40                   | *6,30    | 587         | 688        | 803        | 930        | 1 057        | 1 374        | 1 565        | 1 946        | 2 327        | –            | –            | –            |       |
| 1,44        | *6,30                   | 9,00     | 493         | 594        | 711        | 838        | 965          | 1 283        | 1 473        | 1 854        | 2 235        | –            | –            | –            |       |
| 1,44        | 9,75                    | 14,00    | –           | 424        | 538        | 668        | 795          | 1 113        | 1 303        | 1 684        | 2 065        | 2 370        | 2 700        | 3 335        |       |
| 1,45        | *4,65                   | *6,70    | 574         | 676        | 790        | 917        | 1 044        | 1 361        | 1 552        | 1 933        | 2 314        | –            | –            | –            |       |
| 1,45        | *5,20                   | 7,50     | 546         | 648        | 762        | 889        | 1 016        | 1 334        | 1 524        | 1 905        | 2 286        | –            | –            | –            |       |
| 1,45        | *5,90                   | 8,50     | 511         | 615        | 729        | 856        | 983          | 1 300        | 1 491        | 1 872        | 2 253        | –            | –            | –            |       |
| 1,46        | *4,90                   | 7,10     | 559         | 663        | 777        | 904        | 1 031        | 1 349        | 1 539        | 1 920        | 2 301        | –            | –            | –            |       |
| 1,46        | *5,50                   | 8,00     | 531         | 632        | 747        | 874        | 1 001        | 1 318        | 1 509        | 1 890        | 2 271        | –            | –            | –            |       |
| 1,46        | *6,70                   | 9,75     | 470         | 572        | 686        | 813        | 940          | 1 260        | 1 450        | 1 831        | 2 212        | –            | –            | –            |       |
| 1,46        | 7,10                    | 10,30    | 452         | 554        | 668        | 795        | 922          | 1 240        | 1 430        | 1 811        | 2 192        | 2 497        | 2 827        | 3 462        |       |
| 1,46        | 7,50                    | 10,90    | 432         | 533        | 648        | 775        | 902          | 1 219        | 1 410        | 1 791        | 2 172        | 2 477        | 2 807        | 3 442        |       |
| 1,46        | 10,30                   | 15,00    | –           | 394        | 508        | 635        | 762          | 1 082        | 1 273        | 1 654        | 2 035        | 2 339        | 2 670        | 3 305        |       |
| 1,47        | 9,00                    | 13,20    | 353         | 455        | 572        | 699        | 826          | 1 143        | 1 334        | 1 715        | 2 096        | 2 400        | 2 731        | 3 366        |       |
| 1,47        | 10,90                   | 16,00    | –           | –          | 475        | 602        | 732          | 1 049        | 1 240        | 1 621        | 2 002        | 2 306        | 2 637        | 3 272        |       |
| 1,48        | *6,30                   | 9,25     | 488         | 589        | 704        | 833        | 960          | 1 278        | 1 468        | 1 849        | 2 230        | –            | –            | –            |       |
| 1,48        | 8,00                    | 11,80    | 401         | 505        | 620        | 747        | 874          | 1 191        | 1 382        | 1 763        | 2 144        | 2 449        | 2 779        | 3 414        |       |
| 1,48        | 8,50                    | 12,50    | 378         | 480        | 594        | 721        | 848          | 1 168        | 1 359        | 1 740        | 2 121        | 2 426        | 2 756        | 3 391        |       |
| 1,48        | 16,00                   | 23,60    | –           | –          | –          | –          | –            | 792          | 983          | 1 367        | 1 748        | 2 052        | 2 383        | 3 018        |       |
| 1,50        | 12,50                   | 18,70    | –           | –          | –          | 516        | 643          | 963          | 1 153        | 1 534        | 1 915        | 2 220        | 2 550        | 3 188        |       |
| 1,51        | 7,50                    | 11,30    | 422         | 523        | 640        | 767        | 894          | 1 212        | 1 402        | 1 783        | 2 164        | 2 469        | 2 799        | 3 434        |       |
| 1,52        | 9,25                    | 14,00    | 330         | 434        | 549        | 676        | 805          | 1 123        | 1 313        | 1 694        | 2 075        | 2 380        | 2 710        | 3 345        |       |
| 1,52        | 14,00                   | 21,20    | –           | –          | –          | –          | 561          | 881          | 1 072        | 1 453        | 1 836        | 2 141        | 2 471        | 3 106        |       |
| 1,53        | *4,40                   | *6,70    | 579         | 681        | 795        | 922        | 1 049        | 1 367        | 1 557        | 1 938        | 2 319        | –            | –            | –            |       |
| 1,53        | *5,90                   | 9,00     | 500         | 602        | 719        | 846        | 973          | 1 290        | 1 481        | 1 862        | 2 243        | –            | –            | –            |       |
| 1,54        | *4,65                   | 7,10     | 564         | 665        | 780        | 909        | 1 036        | 1 354        | 1 544        | 1 925        | 2 306        | –            | –            | –            |       |
| 1,54        | *4,90                   | 7,50     | 551         | 653        | 767        | 894        | 1 021        | 1 339        | 1 529        | 1 910        | 2 294        | –            | –            | –            |       |
| 1,54        | 7,10                    | 10,90    | 439         | 541        | 655        | 782        | 909          | 1 227        | 1 417        | 1 798        | 2 179        | 2 484        | 2 814        | 3 449        |       |
| 1,54        | 9,75                    | 15,00    | –           | 401        | 518        | 645        | 772          | 1 092        | 1 283        | 1 664        | 2 045        | 2 350        | 2 680        | 3 315        |       |
| 1,55        | *5,20                   | 8,00     | 536         | 638        | 752        | 879        | 1 006        | 1 323        | 1 514        | 1 895        | 2 276        | –            | –            | –            |       |
| 1,55        | *6,70                   | 10,30    | 460         | 561        | 676        | 803        | 930          | 1 247        | 1 438        | 1 819        | 2 200        | –            | –            | –            |       |
| 1,56        | *5,50                   | 8,50     | 518         | 622        | 737        | 864        | 991          | 1 308        | 1 499        | 1 880        | 2 261        | –            | –            | –            |       |
| 1,56        | *6,30                   | 9,75     | 478         | 579        | 693        | 820        | 950          | 1 267        | 1 458        | 1 839        | 2 220        | –            | –            | –            |       |
| 1,56        | 8,50                    | 13,20    | 363         | 465        | 579        | 709        | 836          | 1 153        | 1 344        | 1 725        | 2 106        | 2 410        | 2 741        | 3 376        |       |
| 1,56        | 9,00                    | 14,00    | 335         | 439        | 554        | 681        | 808          | 1 128        | 1 318        | 1 699        | 2 080        | 2 385        | 2 715        | 3 350        |       |
| 1,56        | 10,30                   | 16,00    | –           | 371        | 485        | 615        | 742          | 1 059        | 1 252        | 1 633        | 2 014        | 2 319        | 2 649        | 3 284        |       |
| 1,57        | 8,00                    | 12,50    | 386         | 490        | 605        | 732        | 859          | 1 176        | 1 369        | 1 750        | 2 131        | 2 436        | 2 766        | 3 401        |       |
| 1,58        | *5,90                   | 9,25     | 495         | 597        | 714        | 841        | 968          | 1 285        | 1 476        | 1 857        | 2 238        | –            | –            | –            |       |
| 1,58        | 7,50                    | 11,80    | 411         | 513        | 627        | 757        | 884          | 1 201        | 1 392        | 1 773        | 2 154        | 2 459        | 2 789        | 3 424        |       |
| 1,58        | 15,00                   | 23,60    | –           | –          | –          | –          | –            | 810          | 1 001        | 1 384        | 1 768        | 2 073        | 2 403        | 3 038        |       |
| 1,59        | 11,80                   | 18,70    | –           | –          | –          | 528        | 655          | 975          | 1 166        | 1 547        | 1 930        | 2 235        | 2 565        | 3 200        |       |
| 1,60        | 7,10                    | 11,30    | 429         | 531        | 648        | 775        | 902          | 1 219        | 1 410        | 1 791        | 2 172        | 2 477        | 2 807        | 3 442        |       |
| 1,61        | 13,20                   | 21,20    | –           | –          | –          | –          | 574          | 897          | 1 087        | 1 468        | 1 852        | 2 156        | 2 487        | 3 122        |       |
| 1,63        | *4,40                   | 7,10     | 569         | 671        | 785        | 912        | 1 039        | 1 359        | 1 549        | 1 930        | 2 311        | –            | –            | –            |       |
| 1,63        | *4,65                   | 7,50     | 556         | 658        | 772        | 899        | 1 026        | 1 344        | 1 534        | 1 915        | 2 296        | –            | –            | –            |       |
| 1,63        | 9,25                    | 15,00    | –           | 411        | 528        | 655        | 782          | 1 102        | 1 293        | 1 674        | 2 055        | 2 360        | 2 690        | 3 325        |       |
| 1,64        | *6,70                   | 10,90    | 447         | 549        | 663        | 790        | 917          | 1 234        | 1 425        | 1 806        | 2 189        | –            | –            | –            |       |
| 1,65        | *4,90                   | 8,00     | 541         | 643        | 757        | 884        | 1 011        | 1 328        | 1 519        | 1 902        | 2 283        | –            | –            | –            |       |
| 1,65        | *5,20                   | 8,50     | 526         | 627        | 742        | 869        | 996          | 1 313        | 1 504        | 1 885        | 2 266        | –            | –            | –            |       |
| 1,65        | *5,50                   | 9,00     | 508         | 610        | 726        | 853        | 980          | 1 298        | 1 488        | 1 869        | 2 250        | –            | –            | –            |       |
| 1,65        | *6,30                   | 10,30    | 467         | 569        | 683        | 810        | 937          | 1 255        | 1 445        | 1 826        | 2 207        | –            | –            | –            |       |
| 1,65        | 8,50                    | 14,00    | 343         | 447        | 564        | 691        | 818          | 1 135        | 1 328        | 1 709        | 2 090        | 2 395        | 2 725        | 3 360        |       |
| 1,65        | 9,75                    | 16,00    | –           | 378        | 495        | 625        | 752          | 1 072        | 1 262        | 1 643        | 2 024        | 2 329        | 2 659        | 3 294        |       |
| 1,66        | *5,90                   | 9,75     | 485         | 587        | 701        | 831        | 958          | 1 275        | 1 466        | 1 847        | 2 228        | –            | –            | –            |       |
| 1,66        | 8,00                    | 13,20    | 371         | 475        | 589        | 716        | 843          | 1 163        | 1 354        | 1 735        | 2 116        | 2 421        | 2 751        | 3 386        |       |
| 1,66        | 11,30                   | 18,70    | –           | –          | 406        | 536        | 665          | 986          | 1 176        | 1 557        | 1 938        | 2 245        | 2 576        | 3 211        |       |
| 1,67        | 7,10                    | 11,80    | 419         | 521        | 635        | 765        | 892          | 1 209        | 1 400        | 1 781        | 2 162        | 2 466        | 2 797        | 3 432        |       |
| 1,67        | 9,00                    | 15,00    | –           | 417        | 531        | 660        | 787          | 1 105        | 1 298        | 1 679        | 2 060        | 2 365        | 2 695        | 3 330        |       |
| 1,68        | 7,50                    | 12,50    | 396         | 498        | 615        | 742        | 869          | 1 186        | 1 377        | 1 758        | 2 141        | 2 446        | 2 776        | 3 411        |       |
| 1,69        | *5,50                   | 9,25     | 503         | 605        | 721        | 848        | 975          | 1 293        | 1 483        | 1 864        | 2 245        | –            | –            | –            |       |
| 1,69        | 14,00                   | 23,60    | –           | –          | –          | –          | 505          | 828          | 1 021        | 1 405        | 1 786        | 2 090        | 2 421        | 3 058        |       |
| 1,70        | *6,70                   | 11,30    | 437         | 538        | 655        | 782        | 909          | 1 227        | 1 417        | 1 798        | 2 179        | –            | –            | –            |       |
| 1,70        | 12,50                   | 21,20    | –           | –          | –          | –          | 457          | 587          | 909          | 1 100        | 1 483        | 1 864        | 2 169        | 2 499        | 3 137 |
| 1,72        | *4,40                   | 7,50     | 561         | 663        | 777        | 904        | 1 031        | 1 349        | 1 539        | 1 920        | 2 301        | –            | –            | –            |       |
| 1,72        | 10,90                   | 18,70    | –           | –          | 414        | 544        | 673          | 993          | 1 184        | 1 565        | 1 948        | 2 253        | 2 583        | 3 218        |       |
| 1,74        | *4,65                   | 8,00     | 546         | 648        | 762        | 889        | 1 016        | 1 334        | 1 524        | 1 905        | 2 286        | –            | –            | –            |       |
| 1,74        | *6,30                   | 10,90    | 452         | 556        | 671        | 798        | 925          | 1 242        | 1 433        | 1 816        | 2 197        | –            | –            | –            |       |
| 1,74        | 9,25                    | 16,00    | –           | 389        | 505        | 632        | 762          | 1 080        | 1 273        | 1 654        | 2 035        | 2 339        | 2 670        | 3 305        |       |
| 1,75        | *4,90                   | 8,50     | 531         | 632        | 747        | 874        | 1 001        | 1 318        | 1 509        | 1 892        | 2 273        | –            | –            | –            |       |
| 1,75        | *5,20                   | 9,00     | 516         | 617        | 732        | 859        | 986          | 1 303        | 1 494        | 1 875        | 2 256        | –            | –            | –            |       |
| 1,75        | 16,00                   | 28,00    | –           | –          | –          | –          | –            | 693          | 886          | 1 273        | 1 656        | 1 961        | 2 291        | 2 929        |       |
| 1,76        | *5,90                   | 10,30    | 472         | 577        | 691        | 818        | 945          | 1 262        | 1 453        | 1 834        | 2 215        | –            | –            | –            |       |
| 1,76        | 8,00                    | 14,00    | 353         | 457        | 572        | 701        | 828          | 1 146        | 1 336        | 1 720        | 2 101        | 2 405        | 2 736        | 3 371        |       |
| 1,77        | *6,70                   | 11,80    | 427         | 528        | 643        | 772        | 899          | 1 217        | 1 407        | 1 788        | 2 169        | –            | –            | –            |       |
| 1,77        | 7,10                    | 12,50    | 404         | 505        | 622        | 749        | 876          | 1 194        | 1 384        | 1 768        | 2 149        | 2 454        | 2 784        | 3 419        |       |
| 1,77        | 7,50                    | 13,20    | 381         | 483        | 599        | 726        | 853          | 1 173        | 1 364        | 1 745        | 2 126        | 2 431        | 2 761        | 3 396        |       |

\*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

# Centre distances

## Section 5V/5V-XP/5VX

Table 41

1

| Speed ratio | Pulley outside diameter |          | Belt length |     |     |     |       |       |       |       |       |       |       |       |       |
|-------------|-------------------------|----------|-------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             | Driver                  | Driven   | 5V          | 5V  | 5V  | 5V  | 5V    | 5V    | 5V    | 5V    | 5V    | 5V    | 5VX   | 5VX   | 5VX   |
|             |                         |          | 5VX         | 5VX | 5VX | 5VX | 5VX   | 5VX   | 5VX   | 5VX   | 5VX   | 5VX   | 5VX   | 2 240 | 2 500 |
| in.         |                         | 1/10 in. |             |     |     |     |       |       |       |       |       |       |       |       |       |
| 1,80        | 11,80                   | 21,20    | -           | -   | -   | 470 | 599   | 922   | 1 113 | 1 496 | 1 877 | 2 184 | 2 515 | 3 150 |       |
| 1,81        | *6,30                   | 11,30    | 445         | 546 | 663 | 790 | 917   | 1 234 | 1 425 | 1 806 | 2 187 | -     | -     | -     |       |
| 1,82        | 10,30                   | 18,70    | -           | -   | 424 | 554 | 683   | 1 003 | 1 194 | 1 577 | 1 958 | 2 263 | 2 593 | 3 231 |       |
| 1,84        | *4,40                   | 8,00     | 551         | 653 | 767 | 894 | 1 021 | 1 339 | 1 529 | 1 910 | 2 291 | -     | -     | -     |       |
| 1,85        | *4,65                   | 8,50     | 536         | 638 | 752 | 879 | 1 006 | 1 323 | 1 514 | 1 895 | 2 278 | -     | -     | -     |       |
| 1,85        | *4,90                   | 9,00     | 521         | 622 | 737 | 864 | 991   | 1 308 | 1 499 | 1 882 | 2 263 | -     | -     | -     |       |
| 1,86        | *5,90                   | 10,90    | 460         | 564 | 678 | 805 | 932   | 1 250 | 1 443 | 1 824 | 2 205 | -     | -     | -     |       |
| 1,87        | 7,10                    | 13,20    | 389         | 490 | 607 | 734 | 861   | 1 181 | 1 372 | 1 753 | 2 134 | 2 438 | 2 769 | 3 404 |       |
| 1,87        | 15,00                   | 28,00    | -           | -   | -   | -   | -     | 711   | 904   | 1 290 | 1 674 | 1 981 | 2 311 | 2 946 |       |
| 1,88        | *6,70                   | 12,50    | 411         | 513 | 630 | 757 | 884   | 1 201 | 1 392 | 1 775 | 2 156 | -     | -     | -     |       |
| 1,88        | 7,50                    | 14,00    | 361         | 465 | 582 | 709 | 838   | 1 156 | 1 346 | 1 727 | 2 111 | 2 416 | 2 746 | 3 381 |       |
| 1,88        | 11,30                   | 21,20    | -           | -   | -   | 478 | 610   | 930   | 1 123 | 1 506 | 1 887 | 2 192 | 2 525 | 3 160 |       |
| 1,89        | *5,20                   | 9,75     | 498         | 599 | 716 | 843 | 970   | 1 288 | 1 478 | 1 859 | 2 240 | -     | -     | -     |       |
| 1,89        | *5,50                   | 10,30    | 480         | 584 | 699 | 826 | 953   | 1 270 | 1 461 | 1 844 | 2 225 | -     | -     | -     |       |
| 1,89        | *6,30                   | 11,80    | 434         | 536 | 650 | 780 | 907   | 1 224 | 1 415 | 1 796 | 2 177 | -     | -     | -     |       |
| 1,89        | 8,00                    | 15,00    | 330         | 434 | 551 | 678 | 805   | 1 125 | 1 316 | 1 697 | 2 080 | 2 385 | 2 715 | 3 350 |       |
| 1,89        | 8,50                    | 16,00    | -           | 401 | 518 | 648 | 775   | 1 095 | 1 285 | 1 669 | 2 050 | 2 355 | 2 685 | 3 320 |       |
| 1,90        | 12,50                   | 23,60    | -           | -   | -   | -   | 531   | 856   | 1 049 | 1 433 | 1 814 | 2 121 | 2 451 | 3 086 |       |
| 1,91        | *4,90                   | 9,25     | 516         | 617 | 732 | 859 | 986   | 1 303 | 1 494 | 1 877 | 2 258 | -     | -     | -     |       |
| 1,93        | *5,90                   | 11,30    | 452         | 554 | 671 | 798 | 925   | 1 242 | 1 433 | 1 814 | 2 195 | -     | -     | -     |       |
| 1,93        | 9,75                    | 18,70    | -           | -   | 434 | 564 | 693   | 1 013 | 1 204 | 1 588 | 1 969 | 2 273 | 2 606 | 3 241 |       |
| 1,95        | *4,40                   | 8,50     | 541         | 643 | 757 | 884 | 1 011 | 1 328 | 1 519 | 1 900 | 2 281 | -     | -     | -     |       |
| 1,95        | 10,90                   | 21,20    | -           | -   | -   | 485 | 615   | 937   | 1 130 | 1 514 | 1 895 | 2 200 | 2 532 | 3 167 |       |
| 1,96        | *4,65                   | 9,00     | 526         | 627 | 742 | 869 | 996   | 1 313 | 1 504 | 1 885 | 2 268 | -     | -     | -     |       |
| 1,97        | 16,00                   | 31,50    | -           | -   | -   | -   | -     | -     | 805   | 1 196 | 1 580 | 1 887 | 2 217 | 2 855 |       |
| 1,98        | *6,70                   | 13,20    | 394         | 498 | 615 | 742 | 869   | 1 189 | 1 379 | 1 760 | 2 141 | -     | -     | -     |       |
| 1,99        | 7,10                    | 14,00    | 368         | 472 | 589 | 716 | 843   | 1 163 | 1 354 | 1 735 | 2 118 | 2 423 | 2 753 | 3 388 |       |
| 2,00        | *5,20                   | 10,30    | 488         | 589 | 704 | 831 | 958   | 1 278 | 1 468 | 1 849 | 2 230 | -     | -     | -     |       |
| 2,00        | *5,50                   | 10,90    | 467         | 572 | 686 | 813 | 940   | 1 257 | 1 450 | 1 831 | 2 212 | -     | -     | -     |       |
| 2,00        | *6,30                   | 12,50    | 417         | 521 | 635 | 765 | 892   | 1 209 | 1 400 | 1 783 | 2 164 | -     | -     | -     |       |
| 2,01        | *4,65                   | 9,25     | 521         | 622 | 737 | 864 | 991   | 1 308 | 1 499 | 1 880 | 2 263 | -     | -     | -     |       |
| 2,01        | *4,90                   | 9,75     | 503         | 607 | 721 | 848 | 975   | 1 293 | 1 483 | 1 867 | 2 248 | -     | -     | -     |       |
| 2,01        | 7,50                    | 15,00    | 338         | 442 | 559 | 688 | 815   | 1 135 | 1 326 | 1 707 | 2 088 | 2 395 | 2 725 | 3 360 |       |
| 2,01        | 8,00                    | 16,00    | -           | 411 | 528 | 655 | 785   | 1 105 | 1 295 | 1 676 | 2 060 | 2 365 | 2 695 | 3 330 |       |
| 2,01        | 11,80                   | 23,60    | -           | -   | -   | -   | 544   | 869   | 1 062 | 1 445 | 1 829 | 2 134 | 2 464 | 3 101 |       |
| 2,01        | 14,00                   | 28,00    | -           | -   | -   | -   | -     | 729   | 922   | 1 308 | 1 692 | 1 999 | 2 329 | 2 967 |       |
| 2,02        | *5,90                   | 11,80    | 439         | 544 | 658 | 787 | 914   | 1 232 | 1 422 | 1 803 | 2 184 | -     | -     | -     |       |
| 2,03        | 9,25                    | 18,70    | -           | -   | 442 | 574 | 701   | 1 024 | 1 214 | 1 598 | 1 979 | 2 283 | 2 614 | 3 251 |       |
| 2,07        | *4,40                   | 9,00     | 528         | 632 | 747 | 874 | 1 001 | 1 318 | 1 509 | 1 890 | 2 271 | -     | -     | -     |       |
| 2,07        | *5,50                   | 11,30    | 460         | 561 | 676 | 805 | 932   | 1 250 | 1 440 | 1 821 | 2 205 | -     | -     | -     |       |
| 2,07        | 10,30                   | 21,20    | -           | -   | -   | 495 | 627   | 950   | 1 140 | 1 524 | 1 908 | 2 212 | 2 543 | 3 178 |       |
| 2,09        | 9,00                    | 18,70    | -           | -   | 447 | 577 | 706   | 1 029 | 1 219 | 1 603 | 1 984 | 2 289 | 2 619 | 3 256 |       |
| 2,10        | 11,30                   | 23,60    | -           | -   | -   | -   | 551   | 876   | 1 069 | 1 455 | 1 836 | 2 144 | 2 474 | 3 109 |       |
| 2,11        | *6,30                   | 13,20    | 401         | 505 | 620 | 749 | 876   | 1 196 | 1 387 | 1 768 | 2 149 | -     | -     | -     |       |
| 2,11        | *6,70                   | 14,00    | 376         | 480 | 597 | 724 | 851   | 1 171 | 1 361 | 1 742 | 2 126 | -     | -     | -     |       |
| 2,11        | 15,00                   | 31,50    | -           | -   | -   | -   | -     | 625   | 823   | 1 214 | 1 598 | 1 905 | 2 238 | 2 875 |       |
| 2,12        | *4,65                   | 9,75     | 508         | 612 | 726 | 853 | 980   | 1 298 | 1 488 | 1 869 | 2 253 | -     | -     | -     |       |
| 2,12        | *5,20                   | 10,90    | 472         | 577 | 691 | 818 | 945   | 1 265 | 1 455 | 1 836 | 2 217 | -     | -     | -     |       |
| 2,13        | *4,40                   | 9,25     | 523         | 627 | 742 | 869 | 996   | 1 313 | 1 504 | 1 885 | 2 266 | -     | -     | -     |       |
| 2,13        | *4,90                   | 10,30    | 493         | 594 | 709 | 838 | 965   | 1 283 | 1 473 | 1 854 | 2 235 | -     | -     | -     |       |
| 2,13        | 7,10                    | 15,00    | 345         | 450 | 566 | 696 | 823   | 1 143 | 1 334 | 1 715 | 2 096 | 2 403 | 2 733 | 3 368 |       |
| 2,13        | 13,20                   | 28,00    | -           | -   | -   | -   | -     | 742   | 937   | 1 323 | 1 707 | 2 014 | 2 344 | 2 982 |       |
| 2,14        | *5,90                   | 12,50    | 424         | 528 | 643 | 772 | 899   | 1 217 | 1 410 | 1 791 | 2 172 | -     | -     | -     |       |
| 2,15        | 7,50                    | 16,00    | -           | 419 | 536 | 665 | 795   | 1 113 | 1 306 | 1 687 | 2 068 | 2 372 | 2 705 | 3 340 |       |
| 2,17        | *5,50                   | 11,80    | 447         | 551 | 665 | 795 | 922   | 1 240 | 1 430 | 1 811 | 2 195 | -     | -     | -     |       |
| 2,18        | 10,90                   | 23,60    | -           | -   | -   | -   | 559   | 884   | 1 077 | 1 463 | 1 844 | 2 151 | 2 482 | 3 117 |       |
| 2,19        | 9,75                    | 21,20    | -           | -   | -   | 505 | 635   | 960   | 1 151 | 1 534 | 1 918 | 2 223 | 2 553 | 3 190 |       |
| 2,20        | *5,20                   | 11,30    | 465         | 566 | 683 | 810 | 937   | 1 255 | 1 448 | 1 829 | 2 210 | -     | -     | -     |       |
| 2,21        | 8,50                    | 18,70    | -           | -   | 455 | 587 | 716   | 1 036 | 1 229 | 1 610 | 1 994 | 2 299 | 2 629 | 3 264 |       |
| 2,24        | *4,40                   | 9,75     | 513         | 615 | 732 | 859 | 986   | 1 303 | 1 494 | 1 875 | 2 256 | -     | -     | -     |       |
| 2,24        | *4,65                   | 10,30    | 498         | 599 | 714 | 841 | 970   | 1 288 | 1 478 | 1 859 | 2 240 | -     | -     | -     |       |
| 2,24        | *6,30                   | 14,00    | 384         | 488 | 602 | 732 | 859   | 1 179 | 1 369 | 1 750 | 2 134 | -     | -     | -     |       |
| 2,25        | *4,90                   | 10,90    | 480         | 582 | 696 | 826 | 953   | 1 270 | 1 461 | 1 842 | 2 223 | -     | -     | -     |       |
| 2,25        | 12,50                   | 28,00    | -           | -   | -   | -   | -     | 754   | 950   | 1 336 | 1 720 | 2 027 | 2 360 | 2 995 |       |
| 2,26        | *5,90                   | 13,20    | 409         | 513 | 627 | 757 | 884   | 1 204 | 1 394 | 1 775 | 2 156 | -     | -     | -     |       |
| 2,26        | *6,70                   | 15,00    | 351         | 457 | 574 | 701 | 831   | 1 151 | 1 341 | 1 722 | 2 106 | -     | -     | -     |       |
| 2,26        | 14,00                   | 31,50    | -           | -   | -   | -   | -     | 640   | 841   | 1 232 | 1 618 | 1 925 | 2 256 | 2 893 |       |
| 2,27        | 7,10                    | 16,00    | 320         | 427 | 544 | 673 | 800   | 1 120 | 1 313 | 1 694 | 2 075 | 2 383 | 2 713 | 3 348 |       |
| 2,29        | *5,20                   | 11,80    | 452         | 556 | 671 | 800 | 927   | 1 245 | 1 438 | 1 819 | 2 200 | -     | -     | -     |       |
| 2,30        | *5,50                   | 12,50    | 432         | 536 | 650 | 780 | 907   | 1 224 | 1 417 | 1 798 | 2 179 | -     | -     | -     |       |
| 2,30        | 10,30                   | 23,60    | -           | -   | -   | -   | 569   | 894   | 1 090 | 1 473 | 1 857 | 2 162 | 2 492 | 3 129 |       |
| 2,31        | 9,25                    | 21,20    | -           | -   | -   | 513 | 645   | 968   | 1 161 | 1 544 | 1 925 | 2 233 | 2 563 | 3 198 |       |
| 2,33        | *4,90                   | 11,30    | 470         | 572 | 688 | 815 | 942   | 1 262 | 1 453 | 1 834 | 2 215 | -     | -     | -     |       |
| 2,35        | 8,00                    | 18,70    | -           | -   | 462 | 594 | 724   | 1 046 | 1 237 | 1 621 | 2 002 | 2 309 | 2 639 | 3 274 |       |
| 2,35        | 16,00                   | 37,50    | -           | -   | -   | -   | -     | -     | -     | 1 057 | 1 448 | 1 755 | 2 090 | 2 728 |       |

\*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

Centre distances  
Section 5V/5V-XP/5VX

Table 4m

| Speed ratio | Pulley outside diameter |          | Belt length |     |     |     |     |       |       |       |       |       |       |       |       |
|-------------|-------------------------|----------|-------------|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
|             | Driver                  | Driven   | 5V          | 5V  | 5V  | 5V  | 5V  | 5V    | 5V    | 5V    | 5V    | 5V    | 5VX   | 5VX   | 5VX   |
|             |                         |          | 5VX         | 5VX | 5VX | 5VX | 5VX | 5VX   | 5VX   | 5VX   | 5VX   | 5VX   | 5VX   | 2 240 | 2 500 |
| in.         |                         | 1/10 in. |             |     |     |     |     |       |       |       |       |       |       |       |       |
| 2,37        | *4,40                   | 10,30    | 500         | 605 | 719 | 846 | 973 | 1 293 | 1 483 | 1 864 | 2 245 | –     | –     | –     |       |
| 2,37        | *4,65                   | 10,90    | 483         | 587 | 701 | 828 | 958 | 1 275 | 1 466 | 1 847 | 2 228 | –     | –     | –     |       |
| 2,37        | 9,00                    | 21,20    | –           | –   | –   | 518 | 648 | 973   | 1 166 | 1 549 | 1 930 | 2 238 | 2 568 | 3 203 |       |
| 2,38        | 11,80                   | 28,00    | –           | –   | –   | –   | –   | 765   | 963   | 1 349 | 1 735 | 2 040 | 2 372 | 3 010 |       |
| 2,40        | *5,90                   | 14,00    | 389         | 493 | 610 | 739 | 866 | 1 186 | 1 377 | 1 760 | 2 141 | –     | –     | –     |       |
| 2,40        | *6,30                   | 15,00    | 358         | 465 | 582 | 709 | 838 | 1 158 | 1 349 | 1 730 | 2 113 | –     | –     | –     |       |
| 2,40        | 13,20                   | 31,50    | –           | –   | –   | –   | –   | 653   | 853   | 1 245 | 1 631 | 1 938 | 2 271 | 2 908 |       |
| 2,41        | *6,70                   | 16,00    | 325         | 432 | 551 | 681 | 808 | 1 128 | 1 321 | 1 702 | 2 083 | –     | –     | –     |       |
| 2,43        | *5,20                   | 12,50    | 437         | 541 | 655 | 785 | 912 | 1 232 | 1 422 | 1 803 | 2 184 | –     | –     | –     |       |
| 2,43        | *5,50                   | 13,20    | 417         | 518 | 635 | 765 | 892 | 1 212 | 1 402 | 1 783 | 2 164 | –     | –     | –     |       |
| 2,44        | *4,90                   | 11,80    | 460         | 561 | 678 | 805 | 932 | 1 252 | 1 443 | 1 824 | 2 205 | –     | –     | –     |       |
| 2,44        | 9,75                    | 23,60    | –           | –   | –   | –   | 577 | 904   | 1 100 | 1 483 | 1 867 | 2 172 | 2 504 | 3 139 |       |
| 2,46        | *4,65                   | 11,30    | 475         | 577 | 693 | 820 | 947 | 1 267 | 1 458 | 1 839 | 2 220 | –     | –     | –     |       |
| 2,49        | 11,30                   | 28,00    | –           | –   | –   | –   | –   | 775   | 970   | 1 359 | 1 742 | 2 050 | 2 383 | 3 018 |       |
| 2,51        | *4,40                   | 10,90    | 488         | 592 | 706 | 833 | 960 | 1 280 | 1 471 | 1 852 | 2 233 | –     | –     | –     |       |
| 2,51        | 7,50                    | 18,70    | –           | –   | 472 | 605 | 734 | 1 054 | 1 247 | 1 631 | 2 012 | 2 319 | 2 649 | 3 284 |       |
| 2,51        | 8,50                    | 21,20    | –           | –   | –   | 526 | 658 | 983   | 1 173 | 1 557 | 1 941 | 2 245 | 2 578 | 3 213 |       |
| 2,51        | 15,00                   | 37,50    | –           | –   | –   | –   | –   | –     | –     | 1 074 | 1 466 | 1 775 | 2 108 | 2 748 |       |
| 2,53        | 12,50                   | 31,50    | –           | –   | –   | –   | –   | 665   | 866   | 1 257 | 1 643 | 1 953 | 2 283 | 2 924 |       |
| 2,56        | *6,30                   | 16,00    | 333         | 439 | 556 | 686 | 815 | 1 135 | 1 328 | 1 709 | 2 090 | –     | –     | –     |       |
| 2,57        | *4,65                   | 11,80    | 462         | 566 | 681 | 810 | 937 | 1 257 | 1 448 | 1 829 | 2 210 | –     | –     | –     |       |
| 2,57        | *5,20                   | 13,20    | 422         | 526 | 640 | 770 | 897 | 1 217 | 1 407 | 1 788 | 2 172 | –     | –     | –     |       |
| 2,57        | *5,50                   | 14,00    | 396         | 500 | 617 | 747 | 874 | 1 194 | 1 384 | 1 768 | 2 149 | –     | –     | –     |       |
| 2,57        | *5,90                   | 15,00    | 366         | 470 | 587 | 716 | 846 | 1 166 | 1 356 | 1 737 | 2 121 | –     | –     | –     |       |
| 2,57        | 9,25                    | 23,60    | –           | –   | –   | 450 | 587 | 914   | 1 107 | 1 494 | 1 877 | 2 182 | 2 512 | 3 150 |       |
| 2,58        | *4,90                   | 12,50    | 442         | 546 | 663 | 790 | 917 | 1 237 | 1 427 | 1 808 | 2 192 | –     | –     | –     |       |
| 2,58        | 10,90                   | 28,00    | –           | –   | –   | –   | –   | 782   | 978   | 1 367 | 1 750 | 2 057 | 2 390 | 3 025 |       |
| 2,60        | *4,40                   | 11,30    | 480         | 582 | 699 | 826 | 953 | 1 273 | 1 463 | 1 844 | 2 225 | –     | –     | –     |       |
| 2,64        | 9,00                    | 23,60    | –           | –   | –   | 455 | 589 | 919   | 1 113 | 1 496 | 1 880 | 2 187 | 2 517 | 3 155 |       |
| 2,66        | 7,10                    | 18,70    | –           | 356 | 478 | 610 | 742 | 1 062 | 1 255 | 1 638 | 2 019 | 2 327 | 2 657 | 3 292 |       |
| 2,67        | 8,00                    | 21,20    | –           | –   | 399 | 533 | 665 | 991   | 1 184 | 1 567 | 1 951 | 2 256 | 2 588 | 3 223 |       |
| 2,68        | 11,80                   | 31,50    | –           | –   | –   | –   | –   | 678   | 879   | 1 270 | 1 656 | 1 966 | 2 299 | 2 936 |       |
| 2,69        | 14,00                   | 37,50    | –           | –   | –   | –   | –   | –     | 683   | 1 090 | 1 483 | 1 793 | 2 126 | 2 766 |       |
| 2,72        | *4,40                   | 11,80    | 467         | 572 | 686 | 815 | 942 | 1 260 | 1 453 | 1 834 | 2 215 | –     | –     | –     |       |
| 2,73        | *4,65                   | 12,50    | 447         | 551 | 665 | 795 | 922 | 1 242 | 1 433 | 1 814 | 2 195 | –     | –     | –     |       |
| 2,73        | *4,90                   | 13,20    | 427         | 531 | 645 | 775 | 902 | 1 222 | 1 412 | 1 796 | 2 177 | –     | –     | –     |       |
| 2,73        | *5,20                   | 14,00    | 401         | 505 | 622 | 752 | 879 | 1 199 | 1 389 | 1 773 | 2 154 | –     | –     | –     |       |
| 2,74        | *5,90                   | 16,00    | 338         | 447 | 564 | 693 | 823 | 1 143 | 1 336 | 1 717 | 2 098 | –     | –     | –     |       |
| 2,74        | 10,30                   | 28,00    | –           | –   | –   | –   | –   | 792   | 988   | 1 377 | 1 763 | 2 068 | 2 400 | 3 038 |       |
| 2,76        | *5,50                   | 15,00    | 371         | 478 | 594 | 724 | 853 | 1 173 | 1 364 | 1 745 | 2 129 | –     | –     | –     |       |
| 2,80        | 8,50                    | 23,60    | –           | –   | –   | 462 | 599 | 927   | 1 120 | 1 506 | 1 890 | 2 197 | 2 527 | 3 165 |       |
| 2,80        | 11,30                   | 31,50    | –           | –   | –   | –   | –   | 686   | 886   | 1 280 | 1 666 | 1 974 | 2 306 | 2 944 |       |
| 2,82        | *6,70                   | 18,70    | –           | 363 | 485 | 617 | 747 | 1 069 | 1 262 | 1 646 | 2 027 | –     | –     | –     |       |
| 2,85        | 7,50                    | 21,20    | –           | 406 | 544 | 676 | 806 | 1 001 | 1 194 | 1 577 | 1 961 | 2 266 | 2 596 | 3 233 |       |
| 2,85        | 13,20                   | 37,50    | –           | –   | –   | –   | –   | –     | 696   | 1 105 | 1 496 | 1 806 | 2 141 | 2 781 |       |
| 2,88        | *4,40                   | 12,50    | 452         | 556 | 671 | 800 | 927 | 1 247 | 1 438 | 1 819 | 2 200 | –     | –     | –     |       |
| 2,88        | *4,65                   | 13,20    | 429         | 533 | 650 | 780 | 907 | 1 227 | 1 417 | 1 801 | 2 182 | –     | –     | –     |       |
| 2,89        | 9,75                    | 28,00    | –           | –   | –   | –   | –   | 800   | 998   | 1 387 | 1 773 | 2 078 | 2 410 | 3 048 |       |
| 2,90        | *4,90                   | 14,00    | 406         | 511 | 627 | 757 | 886 | 1 204 | 1 397 | 1 778 | 2 159 | –     | –     | –     |       |
| 2,91        | 10,90                   | 31,50    | –           | –   | –   | –   | –   | 691   | 894   | 1 285 | 1 674 | 1 981 | 2 314 | 2 951 |       |
| 2,92        | *5,20                   | 15,00    | 376         | 483 | 599 | 729 | 859 | 1 179 | 1 369 | 1 753 | 2 134 | –     | –     | –     |       |
| 2,94        | *5,50                   | 16,00    | 345         | 452 | 572 | 701 | 831 | 1 151 | 1 344 | 1 725 | 2 106 | –     | –     | –     |       |
| 2,97        | 8,00                    | 23,60    | –           | –   | –   | 470 | 607 | 937   | 1 130 | 1 516 | 1 900 | 2 205 | 2 537 | 3 172 |       |
| 3,00        | *6,30                   | 18,70    | –           | 368 | 493 | 625 | 754 | 1 077 | 1 270 | 1 654 | 2 035 | –     | –     | –     |       |
| 3,01        | 7,10                    | 21,20    | –           | –   | 411 | 549 | 681 | 1 006 | 1 199 | 1 585 | 1 969 | 2 273 | 2 604 | 3 241 |       |
| 3,02        | 12,50                   | 37,50    | –           | –   | –   | –   | –   | –     | 709   | 1 115 | 1 509 | 1 819 | 2 154 | 2 794 |       |
| 3,05        | *4,40                   | 13,20    | 434         | 538 | 655 | 785 | 912 | 1 232 | 1 422 | 1 803 | 2 187 | –     | –     | –     |       |
| 3,05        | *4,65                   | 14,00    | 411         | 516 | 632 | 762 | 889 | 1 209 | 1 402 | 1 783 | 2 164 | –     | –     | –     |       |
| 3,05        | 9,25                    | 28,00    | –           | –   | –   | –   | –   | 810   | 1 006 | 1 394 | 1 781 | 2 088 | 2 421 | 3 058 |       |
| 3,08        | 10,30                   | 31,50    | –           | –   | –   | –   | –   | 701   | 904   | 1 298 | 1 684 | 1 994 | 2 327 | 2 964 |       |
| 3,10        | *4,90                   | 15,00    | 381         | 488 | 605 | 734 | 864 | 1 184 | 1 374 | 1 758 | 2 139 | –     | –     | –     |       |
| 3,12        | *5,20                   | 16,00    | 351         | 457 | 577 | 706 | 836 | 1 156 | 1 349 | 1 730 | 2 113 | –     | –     | –     |       |
| 3,13        | 9,00                    | 28,00    | –           | –   | –   | –   | –   | 813   | 1 011 | 1 400 | 1 786 | 2 093 | 2 426 | 3 063 |       |
| 3,14        | 16,00                   | 50,00    | –           | –   | –   | –   | –   | –     | –     | 1 140 | 1 463 | 1 806 | 2 150 | 2 456 |       |
| 3,18        | 7,50                    | 23,60    | –           | –   | –   | 478 | 615 | 945   | 1 138 | 1 524 | 1 908 | 2 215 | 2 548 | 3 183 |       |
| 3,20        | *6,70                   | 21,20    | –           | –   | 419 | 556 | 688 | 1 013 | 1 207 | 1 593 | 1 974 | –     | –     | –     |       |
| 3,20        | 11,80                   | 37,50    | –           | –   | –   | –   | –   | –     | 719   | 1 128 | 1 521 | 1 831 | 2 167 | 2 807 |       |
| 3,21        | *5,90                   | 18,70    | –           | 376 | 498 | 632 | 762 | 1 085 | 1 278 | 1 661 | 2 042 | –     | –     | –     |       |
| 3,23        | *4,40                   | 14,00    | 414         | 521 | 638 | 767 | 894 | 1 214 | 1 405 | 1 788 | 2 169 | –     | –     | –     |       |
| 3,25        | 9,75                    | 31,50    | –           | –   | –   | –   | –   | 711   | 912   | 1 306 | 1 694 | 2 004 | 2 337 | 2 974 |       |
| 3,27        | *4,65                   | 15,00    | 386         | 493 | 610 | 739 | 869 | 1 189 | 1 379 | 1 763 | 2 144 | –     | –     | –     |       |
| 3,31        | *4,90                   | 16,00    | 356         | 462 | 582 | 711 | 841 | 1 161 | 1 354 | 1 737 | 2 118 | –     | –     | –     |       |
| 3,32        | 8,50                    | 28,00    | –           | –   | –   | –   | –   | 823   | 1 019 | 1 410 | 1 796 | 2 103 | 2 433 | 3 071 |       |
| 3,34        | 11,30                   | 37,50    | –           | –   | –   | –   | –   | –     | 726   | 1 135 | 1 529 | 1 842 | 2 177 | 2 817 |       |
| 3,35        | 15,00                   | 50,00    | –           | –   | –   | –   | –   | –     | –     | –     | 1 156 | 1 481 | 1 824 | 2 474 |       |

\*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.



# Centre distances

## Section 5V/5V-XP/5VX

Table 4n

1

| Speed ratio | Pulley outside diameter |        | Belt length |     |     |     |       |       |       |       |       |       |       |       |
|-------------|-------------------------|--------|-------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
|             | Driver                  | Driven | 5V          | 5V  | 5V  | 5V  | 5V    | 5V    | 5V    | 5V    | 5V    | 5VX   | 5VX   | 5VX   |
|             |                         |        | 630         | 710 | 800 | 900 | 1 000 | 1 250 | 1 400 | 1 700 | 2 000 | 2 240 | 2 500 | 3 000 |
| –           | in.                     |        | 1/10 in.    |     |     |     |       |       |       |       |       |       |       |       |
| 3,36        | 7,10                    | 23,60  | –           | –   | –   | 485 | 622   | 953   | 1 146 | 1 532 | 1 915 | 2 223 | 2 553 | 3 190 |
| 3,40        | *6,30                   | 21,20  | –           | –   | 424 | 561 | 696   | 1 021 | 1 214 | 1 600 | 1 981 | –     | –     | –     |
| 3,43        | 9,25                    | 31,50  | –           | –   | –   | –   | –     | 719   | 922   | 1 316 | 1 704 | 2 012 | 2 344 | 2 985 |
| 3,44        | *5,50                   | 18,70  | –           | 381 | 505 | 638 | 770   | 1 092 | 1 285 | 1 669 | 2 050 | –     | –     | –     |
| 3,46        | 10,90                   | 37,50  | –           | –   | –   | –   | –     | –     | 734   | 1 143 | 1 537 | 1 849 | 2 184 | 2 824 |
| 3,47        | *4,40                   | 15,00  | 389         | 495 | 615 | 744 | 874   | 1 194 | 1 384 | 1 768 | 2 149 | –     | –     | –     |
| 3,49        | *4,65                   | 16,00  | 358         | 467 | 587 | 716 | 846   | 1 166 | 1 359 | 1 740 | 2 123 | –     | –     | –     |
| 3,53        | 8,00                    | 28,00  | –           | –   | –   | –   | 483   | 831   | 1 029 | 1 417 | 1 803 | 2 111 | 2 443 | 3 081 |
| 3,53        | 9,00                    | 31,50  | –           | –   | –   | –   | –     | 721   | 925   | 1 321 | 1 707 | 2 017 | 2 350 | 2 990 |
| 3,56        | *6,70                   | 23,60  | –           | –   | –   | 490 | 627   | 960   | 1 153 | 1 539 | 1 923 | –     | –     | –     |
| 3,59        | 14,00                   | 50,00  | –           | –   | –   | –   | –     | –     | –     | –     | 1 173 | 1 499 | 1 842 | 2 492 |
| 3,64        | *5,90                   | 21,20  | –           | –   | 432 | 569 | 704   | 1 029 | 1 222 | 1 608 | 1 989 | –     | –     | –     |
| 3,65        | *5,20                   | 18,70  | –           | 386 | 511 | 643 | 775   | 1 097 | 1 290 | 1 674 | 2 055 | –     | –     | –     |
| 3,67        | 10,30                   | 37,50  | –           | –   | –   | –   | –     | –     | 742   | 1 153 | 1 547 | 1 859 | 2 195 | 2 835 |
| 3,70        | *4,40                   | 16,00  | 363         | 472 | 592 | 721 | 851   | 1 171 | 1 364 | 1 745 | 2 129 | –     | –     | –     |
| 3,74        | 8,50                    | 31,50  | –           | –   | –   | –   | –     | 732   | 935   | 1 328 | 1 717 | 2 027 | 2 360 | 2 997 |
| 3,77        | 7,50                    | 28,00  | –           | –   | –   | –   | 490   | 838   | 1 036 | 1 427 | 1 814 | 2 121 | 2 454 | 3 091 |
| 3,79        | *6,30                   | 23,60  | –           | –   | –   | 498 | 635   | 965   | 1 161 | 1 547 | 1 930 | –     | –     | –     |
| 3,81        | 13,20                   | 50,00  | –           | –   | –   | –   | –     | –     | –     | –     | 1 186 | 1 511 | 1 854 | 2 504 |
| 3,88        | *4,90                   | 18,70  | –           | 391 | 516 | 648 | 780   | 1 102 | 1 295 | 1 679 | 2 062 | –     | –     | –     |
| 3,88        | 9,75                    | 37,50  | –           | –   | –   | –   | –     | –     | 752   | 1 163 | 1 557 | 1 869 | 2 205 | 2 845 |
| 3,91        | *5,50                   | 21,20  | –           | –   | 437 | 577 | 709   | 1 036 | 1 229 | 1 613 | 1 996 | –     | –     | –     |
| 3,97        | 8,00                    | 31,50  | –           | –   | –   | –   | –     | 739   | 942   | 1 339 | 1 727 | 2 035 | 2 367 | 3 007 |
| 3,99        | 7,10                    | 28,00  | –           | –   | –   | –   | 498   | 846   | 1 044 | 1 435 | 1 821 | 2 129 | 2 461 | 3 099 |
| 4,02        | 12,50                   | 50,00  | –           | –   | –   | –   | –     | –     | –     | –     | 1 196 | 1 524 | 1 867 | 2 517 |
| 4,05        | *5,90                   | 23,60  | –           | –   | –   | 503 | 643   | 973   | 1 168 | 1 554 | 1 938 | –     | –     | –     |
| 4,09        | *4,65                   | 18,70  | –           | 394 | 518 | 653 | 785   | 1 107 | 1 300 | 1 684 | 2 068 | –     | –     | –     |
| 4,09        | 9,25                    | 37,50  | –           | –   | –   | –   | –     | –     | 759   | 1 171 | 1 567 | 1 877 | 2 212 | 2 855 |
| 4,14        | *5,20                   | 21,20  | –           | –   | 442 | 582 | 714   | 1 041 | 1 234 | 1 621 | 2 004 | –     | –     | –     |
| 4,20        | 9,00                    | 37,50  | –           | –   | –   | –   | –     | –     | 762   | 1 176 | 1 570 | 1 882 | 2 217 | 2 860 |
| 4,23        | *6,70                   | 28,00  | –           | –   | –   | –   | 503   | 851   | 1 052 | 1 440 | 1 829 | –     | –     | –     |
| 4,24        | 7,50                    | 31,50  | –           | –   | –   | –   | –     | 747   | 950   | 1 346 | 1 735 | 2 045 | 2 377 | 3 018 |
| 4,26        | 11,80                   | 50,00  | –           | –   | –   | –   | –     | –     | –     | –     | 1 209 | 1 534 | 1 880 | 2 530 |
| 4,33        | *4,40                   | 18,70  | –           | 399 | 523 | 658 | 787   | 1 113 | 1 306 | 1 689 | 2 070 | –     | –     | –     |
| 4,35        | *5,50                   | 23,60  | –           | –   | –   | 511 | 648   | 980   | 1 176 | 1 562 | 1 946 | –     | –     | –     |
| 4,40        | *4,90                   | 21,20  | –           | –   | 447 | 584 | 719   | 1 046 | 1 240 | 1 626 | 2 009 | –     | –     | –     |
| 4,45        | 8,50                    | 37,50  | –           | –   | –   | –   | –     | –     | 770   | 1 184 | 1 580 | 1 892 | 2 228 | 2 868 |
| 4,46        | 11,30                   | 50,00  | –           | –   | –   | –   | –     | –     | –     | –     | 1 217 | 1 542 | 1 887 | 2 540 |
| 4,49        | 7,10                    | 31,50  | –           | –   | –   | –   | –     | 752   | 958   | 1 354 | 1 742 | 2 052 | 2 385 | 3 025 |
| 4,50        | *6,30                   | 28,00  | –           | –   | –   | –   | 508   | 859   | 1 057 | 1 448 | 1 834 | –     | –     | –     |
| 4,61        | *5,20                   | 23,60  | –           | –   | –   | 516 | 653   | 986   | 1 181 | 1 567 | 1 951 | –     | –     | –     |
| 4,62        | 10,90                   | 50,00  | –           | –   | –   | –   | –     | –     | –     | –     | 1 222 | 1 549 | 1 895 | 2 548 |
| 4,64        | *4,65                   | 21,20  | –           | –   | 450 | 589 | 724   | 1 052 | 1 245 | 1 631 | 2 014 | –     | –     | –     |
| 4,73        | 8,00                    | 37,50  | –           | –   | –   | –   | –     | –     | 777   | 1 191 | 1 588 | 1 900 | 2 235 | 2 878 |
| 4,76        | *6,70                   | 31,50  | –           | –   | –   | –   | –     | 759   | 965   | 1 361 | 1 750 | –     | –     | –     |
| 4,81        | *5,90                   | 28,00  | –           | –   | –   | –   | 516   | 866   | 1 064 | 1 455 | 1 842 | –     | –     | –     |
| 4,89        | 10,30                   | 50,00  | –           | –   | –   | –   | –     | –     | –     | –     | 1 232 | 1 560 | 1 905 | 2 558 |
| 4,90        | *4,90                   | 23,60  | –           | –   | –   | 518 | 658   | 991   | 1 186 | 1 572 | 1 956 | –     | –     | –     |
| 4,91        | *4,40                   | 21,20  | –           | –   | 455 | 594 | 729   | 1 054 | 1 250 | 1 633 | 2 017 | –     | –     | –     |
| 5,05        | 7,50                    | 37,50  | –           | –   | –   | –   | –     | –     | 785   | 1 201 | 1 598 | 1 910 | 2 245 | 2 888 |
| 5,06        | *6,30                   | 31,50  | –           | –   | –   | –   | –     | 765   | 970   | 1 367 | 1 758 | –     | –     | –     |
| 5,16        | *4,65                   | 23,60  | –           | –   | –   | 523 | 663   | 996   | 1 191 | 1 577 | 1 961 | –     | –     | –     |
| 5,17        | *5,50                   | 28,00  | –           | –   | –   | –   | –     | 521   | 871   | 1 072 | 1 463 | 1 849 | –     | –     |
| 5,17        | 9,75                    | 50,00  | –           | –   | –   | –   | –     | –     | –     | –     | 798   | 1 242 | 1 570 | 1 915 |
| 5,34        | 7,10                    | 37,50  | –           | –   | –   | –   | –     | –     | 792   | 1 207 | 1 603 | 1 915 | 2 253 | 2 896 |
| 5,41        | *5,90                   | 31,50  | –           | –   | –   | –   | –     | 772   | 978   | 1 374 | 1 763 | –     | –     | –     |
| 5,45        | 9,25                    | 50,00  | –           | –   | –   | –   | –     | –     | –     | 803   | 1 250 | 1 577 | 1 923 | 2 576 |
| 5,47        | *4,40                   | 23,60  | –           | –   | –   | 526 | 665   | 998   | 1 194 | 1 582 | 1 966 | –     | –     | –     |
| 5,47        | *5,20                   | 28,00  | –           | –   | –   | –   | –     | 526   | 876   | 1 077 | 1 468 | 1 854 | –     | –     |
| 5,61        | 9,00                    | 50,00  | –           | –   | –   | –   | –     | –     | –     | 808   | 1 252 | 1 582 | 1 928 | 2 581 |
| 5,67        | *6,70                   | 37,50  | –           | –   | –   | –   | –     | –     | 798   | 1 214 | 1 610 | –     | –     | –     |

\*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

Centre distances  
Section 8V/8V-XP

Table 40

| Speed ratio | Pulley outside diameter |        | Belt length |       |       |       |       |       |       |       |       |       |       |       |
|-------------|-------------------------|--------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             | Driver                  | Driven | 1 000       | 1 180 | 1 400 | 1 700 | 2 120 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 | 5 000 |
| –           | in.                     |        | 1/10 in.    |       |       |       |       |       |       |       |       |       |       |       |
| 1,00        | 12,50                   | 12,50  | 772         | 1 001 | 1 280 | 1 661 | 2 195 | 2 677 | 3 058 | 3 503 | 4 011 | 4 582 | 5 217 | 5 852 |
| 1,00        | 13,20                   | 13,20  | 744         | 973   | 1 252 | 1 633 | 2 167 | 2 649 | 3 030 | 3 475 | 3 983 | 4 554 | 5 189 | 5 824 |
| 1,00        | 14,00                   | 14,00  | 711         | 940   | 1 219 | 1 600 | 2 134 | 2 616 | 2 997 | 3 442 | 3 950 | 4 521 | 5 156 | 5 791 |
| 1,00        | 15,00                   | 15,00  | 673         | 899   | 1 179 | 1 560 | 2 093 | 2 576 | 2 957 | 3 401 | 3 909 | 4 481 | 5 118 | 5 753 |
| 1,00        | 16,00                   | 16,00  | 632         | 861   | 1 140 | 1 521 | 2 055 | 2 537 | 2 918 | 3 363 | 3 871 | 4 442 | 5 077 | 5 712 |
| 1,00        | 17,00                   | 17,00  | 592         | 820   | 1 100 | 1 481 | 2 014 | 2 497 | 2 878 | 3 322 | 3 830 | 4 402 | 5 037 | 5 672 |
| 1,00        | 18,00                   | 18,00  | 551         | 780   | 1 059 | 1 440 | 1 974 | 2 456 | 2 837 | 3 282 | 3 790 | 4 361 | 4 996 | 5 631 |
| 1,00        | 19,00                   | 19,00  | –           | 742   | 1 021 | 1 402 | 1 935 | 2 418 | 2 799 | 3 244 | 3 752 | 4 323 | 4 958 | 5 593 |
| 1,00        | 20,00                   | 20,00  | –           | 701   | 980   | 1 361 | 1 895 | 2 377 | 2 758 | 3 203 | 3 711 | 4 282 | 4 917 | 5 552 |
| 1,00        | 21,20                   | 21,20  | –           | 653   | 932   | 1 313 | 1 847 | 2 329 | 2 710 | 3 155 | 3 663 | 4 234 | 4 869 | 5 504 |
| 1,00        | 22,40                   | 22,40  | –           | –     | 884   | 1 265 | 1 798 | 2 281 | 2 662 | 3 106 | 3 614 | 4 186 | 4 821 | 5 456 |
| 1,05        | 19,00                   | 20,00  | –           | 721   | 1 001 | 1 382 | 1 915 | 2 398 | 2 779 | 3 223 | 3 731 | 4 303 | 4 938 | 5 573 |
| 1,06        | 12,50                   | 13,20  | 757         | 986   | 1 265 | 1 646 | 2 179 | 2 662 | 3 043 | 3 487 | 3 995 | 4 567 | 5 202 | 5 837 |
| 1,06        | 13,20                   | 14,00  | 726         | 955   | 1 234 | 1 615 | 2 149 | 2 631 | 3 012 | 3 457 | 3 965 | 4 536 | 5 171 | 5 806 |
| 1,06        | 16,00                   | 17,00  | 612         | 841   | 1 120 | 1 501 | 2 035 | 2 517 | 2 898 | 3 343 | 3 851 | 4 422 | 5 057 | 5 692 |
| 1,06        | 17,00                   | 18,00  | 572         | 800   | 1 080 | 1 461 | 1 994 | 2 477 | 2 858 | 3 302 | 3 810 | 4 382 | 5 017 | 5 652 |
| 1,06        | 18,00                   | 19,00  | 531         | 762   | 1 041 | 1 422 | 1 956 | 2 438 | 2 819 | 3 264 | 3 772 | 4 343 | 4 978 | 5 613 |
| 1,06        | 20,00                   | 21,20  | –           | 678   | 958   | 1 339 | 1 872 | 2 355 | 2 736 | 3 180 | 3 688 | 4 260 | 4 895 | 5 530 |
| 1,06        | 21,20                   | 22,40  | –           | 630   | 909   | 1 290 | 1 824 | 2 306 | 2 687 | 3 132 | 3 640 | 4 211 | 4 846 | 5 481 |
| 1,07        | 14,00                   | 15,00  | 691         | 919   | 1 199 | 1 580 | 2 113 | 2 596 | 2 977 | 3 421 | 3 929 | 4 501 | 5 136 | 5 771 |
| 1,07        | 15,00                   | 16,00  | 653         | 881   | 1 161 | 1 542 | 2 075 | 2 558 | 2 939 | 3 383 | 3 891 | 4 463 | 5 098 | 5 733 |
| 1,11        | 18,00                   | 20,00  | –           | 742   | 1 021 | 1 402 | 1 935 | 2 418 | 2 799 | 3 244 | 3 752 | 4 323 | 4 958 | 5 593 |
| 1,11        | 22,40                   | 24,80  | –           | –     | 836   | 1 217 | 1 750 | 2 233 | 2 614 | 3 058 | 3 566 | 4 138 | 4 773 | 5 408 |
| 1,12        | 12,50                   | 14,00  | 742         | 970   | 1 250 | 1 631 | 2 164 | 2 647 | 3 028 | 3 472 | 3 980 | 4 552 | 5 187 | 5 822 |
| 1,12        | 17,00                   | 19,00  | 551         | 780   | 1 059 | 1 440 | 1 974 | 2 456 | 2 837 | 3 282 | 3 790 | 4 361 | 4 996 | 5 631 |
| 1,12        | 19,00                   | 21,20  | –           | 696   | 975   | 1 356 | 1 890 | 2 372 | 2 753 | 3 198 | 3 706 | 4 277 | 4 912 | 5 547 |
| 1,12        | 20,00                   | 22,40  | –           | 653   | 932   | 1 313 | 1 847 | 2 329 | 2 710 | 3 155 | 3 663 | 4 234 | 4 869 | 5 504 |
| 1,13        | 16,00                   | 18,00  | 592         | 820   | 1 100 | 1 481 | 2 014 | 2 497 | 2 878 | 3 322 | 3 830 | 4 402 | 5 037 | 5 672 |
| 1,14        | 13,20                   | 15,00  | 706         | 937   | 1 217 | 1 598 | 2 131 | 2 614 | 2 995 | 3 439 | 3 947 | 4 519 | 5 154 | 5 789 |
| 1,14        | 14,00                   | 16,00  | 671         | 899   | 1 179 | 1 560 | 2 093 | 2 576 | 2 957 | 3 401 | 3 909 | 4 481 | 5 116 | 5 751 |
| 1,14        | 15,00                   | 17,00  | 632         | 861   | 1 140 | 1 521 | 2 055 | 2 537 | 2 918 | 3 363 | 3 871 | 4 442 | 5 077 | 5 712 |
| 1,17        | 21,20                   | 24,80  | –           | –     | 859   | 1 242 | 1 775 | 2 258 | 2 639 | 3 084 | 3 592 | 4 163 | 4 798 | 5 433 |
| 1,18        | 17,00                   | 20,00  | 531         | 759   | 1 039 | 1 420 | 1 953 | 2 436 | 2 817 | 3 261 | 3 769 | 4 341 | 4 976 | 5 611 |
| 1,18        | 18,00                   | 21,20  | –           | 716   | 996   | 1 377 | 1 910 | 2 393 | 2 774 | 3 218 | 3 726 | 4 298 | 4 933 | 5 568 |
| 1,18        | 19,00                   | 22,40  | –           | 671   | 953   | 1 334 | 1 867 | 2 350 | 2 731 | 3 175 | 3 683 | 4 255 | 4 890 | 5 525 |
| 1,19        | 16,00                   | 19,00  | 572         | 800   | 1 080 | 1 461 | 1 994 | 2 477 | 2 858 | 3 302 | 3 810 | 4 382 | 5 017 | 5 652 |
| 1,20        | 12,50                   | 15,00  | 721         | 950   | 1 229 | 1 610 | 2 144 | 2 626 | 3 007 | 3 452 | 3 960 | 4 531 | 5 166 | 5 801 |
| 1,20        | 15,00                   | 18,00  | 610         | 841   | 1 120 | 1 501 | 2 035 | 2 517 | 2 898 | 3 343 | 3 851 | 4 422 | 5 057 | 5 692 |
| 1,22        | 13,20                   | 16,00  | 686         | 917   | 1 196 | 1 577 | 2 111 | 2 593 | 2 974 | 3 419 | 3 927 | 4 498 | 5 133 | 5 768 |
| 1,22        | 14,00                   | 17,00  | 650         | 879   | 1 158 | 1 539 | 2 075 | 2 558 | 2 939 | 3 383 | 3 891 | 4 463 | 5 098 | 5 733 |
| 1,24        | 20,00                   | 24,80  | –           | –     | 881   | 1 265 | 1 798 | 2 281 | 2 662 | 3 106 | 3 614 | 4 186 | 4 821 | 5 456 |
| 1,25        | 16,00                   | 20,00  | 549         | 780   | 1 059 | 1 440 | 1 974 | 2 456 | 2 837 | 3 282 | 3 790 | 4 361 | 4 996 | 5 631 |
| 1,25        | 17,00                   | 21,20  | –           | 734   | 1 016 | 1 397 | 1 930 | 2 413 | 2 794 | 3 239 | 3 747 | 4 318 | 4 953 | 5 588 |
| 1,25        | 18,00                   | 22,40  | –           | 691   | 970   | 1 351 | 1 887 | 2 370 | 2 751 | 3 195 | 3 703 | 4 275 | 4 910 | 5 545 |
| 1,27        | 15,00                   | 19,00  | 589         | 818   | 1 100 | 1 481 | 2 014 | 2 497 | 2 878 | 3 322 | 3 830 | 4 402 | 5 037 | 5 672 |
| 1,28        | 12,50                   | 16,00  | 701         | 930   | 1 209 | 1 590 | 2 123 | 2 606 | 2 987 | 3 432 | 3 940 | 4 511 | 5 146 | 5 781 |
| 1,29        | 13,20                   | 17,00  | 665         | 894   | 1 176 | 1 557 | 2 090 | 2 573 | 2 954 | 3 399 | 3 907 | 4 478 | 5 113 | 5 748 |
| 1,29        | 14,00                   | 18,00  | 630         | 859   | 1 138 | 1 519 | 2 055 | 2 537 | 2 918 | 3 363 | 3 871 | 4 442 | 5 077 | 5 712 |
| 1,31        | 19,00                   | 24,80  | –           | 620   | 902   | 1 283 | 1 819 | 2 301 | 2 682 | 3 127 | 3 635 | 4 206 | 4 841 | 5 476 |
| 1,32        | 17,00                   | 22,40  | –           | 709   | 991   | 1 372 | 1 905 | 2 388 | 2 769 | 3 213 | 3 721 | 4 293 | 4 930 | 5 565 |
| 1,33        | 16,00                   | 21,20  | 523         | 754   | 1 034 | 1 415 | 1 951 | 2 433 | 2 814 | 3 259 | 3 767 | 4 338 | 4 973 | 5 608 |
| 1,34        | 15,00                   | 20,00  | 569         | 798   | 1 080 | 1 461 | 1 994 | 2 477 | 2 858 | 3 302 | 3 810 | 4 382 | 5 017 | 5 652 |
| 1,34        | 22,40                   | 30,00  | –           | –     | 726   | 1 110 | 1 646 | 2 129 | 2 510 | 2 954 | 3 462 | 4 034 | 4 669 | 5 304 |
| 1,36        | 14,00                   | 19,00  | 610         | 838   | 1 118 | 1 499 | 2 035 | 2 517 | 2 898 | 3 343 | 3 851 | 4 422 | 5 057 | 5 692 |
| 1,37        | 12,50                   | 17,00  | 678         | 909   | 1 189 | 1 570 | 2 103 | 2 586 | 2 967 | 3 411 | 3 919 | 4 491 | 5 126 | 5 761 |
| 1,37        | 13,20                   | 18,00  | 645         | 874   | 1 153 | 1 537 | 2 070 | 2 553 | 2 934 | 3 378 | 3 886 | 4 458 | 5 093 | 5 728 |
| 1,38        | 18,00                   | 24,80  | –           | 640   | 919   | 1 303 | 1 836 | 2 319 | 2 700 | 3 147 | 3 655 | 4 227 | 4 862 | 5 497 |
| 1,41        | 16,00                   | 22,40  | –           | 729   | 1 008 | 1 392 | 1 925 | 2 408 | 2 789 | 3 233 | 3 741 | 4 313 | 4 948 | 5 583 |
| 1,42        | 15,00                   | 21,20  | 544         | 772   | 1 054 | 1 435 | 1 969 | 2 451 | 2 832 | 3 277 | 3 787 | 4 359 | 4 994 | 5 629 |
| 1,42        | 21,20                   | 30,00  | –           | –     | 749   | 1 133 | 1 669 | 2 151 | 2 532 | 2 977 | 3 485 | 4 056 | 4 694 | 5 329 |
| 1,43        | 14,00                   | 20,00  | 587         | 818   | 1 097 | 1 478 | 2 014 | 2 497 | 2 878 | 3 322 | 3 830 | 4 402 | 5 037 | 5 672 |
| 1,45        | 12,50                   | 18,00  | 658         | 886   | 1 168 | 1 549 | 2 083 | 2 565 | 2 946 | 3 391 | 3 899 | 4 470 | 5 105 | 5 740 |
| 1,45        | 13,20                   | 19,00  | 625         | 853   | 1 133 | 1 516 | 2 050 | 2 532 | 2 913 | 3 358 | 3 866 | 4 437 | 5 072 | 5 707 |
| 1,46        | 17,00                   | 24,80  | –           | 658   | 940   | 1 321 | 1 857 | 2 339 | 2 720 | 3 165 | 3 673 | 4 244 | 4 879 | 5 517 |
| 1,50        | 15,00                   | 22,40  | 516         | 747   | 1 029 | 1 410 | 1 946 | 2 428 | 2 809 | 3 254 | 3 762 | 4 333 | 4 968 | 5 603 |
| 1,51        | 20,00                   | 30,00  | –           | –     | 770   | 1 156 | 1 692 | 2 174 | 2 555 | 3 000 | 3 510 | 4 082 | 4 717 | 5 352 |
| 1,52        | 13,20                   | 20,00  | 602         | 833   | 1 113 | 1 494 | 2 029 | 2 512 | 2 893 | 3 338 | 3 846 | 4 417 | 5 052 | 5 687 |
| 1,52        | 14,00                   | 21,20  | 561         | 792   | 1 072 | 1 455 | 1 989 | 2 471 | 2 852 | 3 297 | 3 805 | 4 376 | 5 011 | 5 646 |
| 1,53        | 12,50                   | 19,00  | 638         | 866   | 1 148 | 1 529 | 2 062 | 2 545 | 2 926 | 3 371 | 3 879 | 4 450 | 5 085 | 5 720 |
| 1,56        | 16,00                   | 24,80  | –           | 676   | 958   | 1 341 | 1 875 | 2 360 | 2 741 | 3 185 | 3 693 | 4 265 | 4 900 | 5 535 |
| 1,59        | 19,00                   | 30,00  | –           | –     | 787   | 1 173 | 1 709 | 2 195 | 2 576 | 3 020 | 3 528 | 4 100 | 4 737 | 5 372 |
| 1,59        | 22,40                   | 35,50  | –           | –     | 991   | 1 529 | 2 014 | 2 395 | 2 842 | 3 350 | 3 922 | 4 557 | 5 192 | 5 827 |
| 1,61        | 12,50                   | 20,00  | 615         | 846   | 1 125 | 1 509 | 2 042 | 2 525 | 2 906 | 3 350 | 3 858 | 4 430 | 5 067 | 5 702 |
| 1,61        | 14,00                   | 22,40  | 533         | 765   | 1 046 | 1 430 | 1 963 | 2 446 | 2 827 | 3 274 | 3 782 | 4 354 | 4 989 | 5 624 |
| 1,62        | 13,20                   | 21,20  | 574         | 805   | 1 087 | 1 471 | 2 004 | 2 487 | 2 868 | 3 312 | 3 820 | 4 392 | 5 029 | 5 664 |

\*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

# Centre distances

## Section 8V/8V-XP

Table 4p

1

| Speed ratio | Pulley outside diameter |        | Belt length |       |       |       |       |       |       |       |       |       |       |       |
|-------------|-------------------------|--------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             | Driver                  | Driven | 1 000       | 1 180 | 1 400 | 1 700 | 2 120 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 | 5 000 |
| –           | in.                     |        | 1/10 in.    |       |       |       |       |       |       |       |       |       |       |       |
| 1,66        | 15,00                   | 24,80  | –           | 693   | 975   | 1 359 | 1 895 | 2 377 | 2 758 | 3 205 | 3 713 | 4 285 | 4 920 | 5 555 |
| 1,67        | 18,00                   | 30,00  | –           | –     | 808   | 1 191 | 1 730 | 2 212 | 2 593 | 3 040 | 3 548 | 4 120 | 4 755 | 5 390 |
| 1,68        | 21,20                   | 35,50  | –           | –     | –     | 1 011 | 1 552 | 2 037 | 2 418 | 2 865 | 3 373 | 3 945 | 4 580 | 5 217 |
| 1,71        | 12,50                   | 21,20  | 587         | 820   | 1 100 | 1 483 | 2 017 | 2 499 | 2 883 | 3 327 | 3 835 | 4 407 | 5 042 | 5 677 |
| 1,71        | 13,20                   | 22,40  | 549         | 780   | 1 062 | 1 445 | 1 979 | 2 461 | 2 845 | 3 289 | 3 797 | 4 369 | 5 004 | 5 639 |
| 1,77        | 17,00                   | 30,00  | –           | –     | 826   | 1 212 | 1 748 | 2 233 | 2 614 | 3 058 | 3 569 | 4 140 | 4 775 | 5 410 |
| 1,78        | 14,00                   | 24,80  | –           | 711   | 996   | 1 379 | 1 913 | 2 398 | 2 779 | 3 223 | 3 731 | 4 305 | 4 940 | 5 575 |
| 1,78        | 20,00                   | 35,50  | –           | –     | –     | 1 034 | 1 572 | 2 060 | 2 441 | 2 888 | 3 396 | 3 967 | 4 605 | 5 240 |
| 1,79        | 22,40                   | 40,00  | –           | –     | –     | 886   | 1 430 | 1 918 | 2 301 | 2 748 | 3 256 | 3 830 | 4 465 | 5 100 |
| 1,80        | 12,50                   | 22,40  | 559         | 792   | 1 074 | 1 458 | 1 991 | 2 477 | 2 858 | 3 302 | 3 810 | 4 382 | 5 017 | 5 652 |
| 1,88        | 19,00                   | 35,50  | –           | –     | –     | 1 052 | 1 593 | 2 078 | 2 461 | 2 906 | 3 416 | 3 988 | 4 623 | 5 260 |
| 1,89        | 13,20                   | 24,80  | –           | 726   | 1 008 | 1 394 | 1 928 | 2 413 | 2 794 | 3 239 | 3 749 | 4 321 | 4 956 | 5 591 |
| 1,89        | 16,00                   | 30,00  | –           | –     | 843   | 1 229 | 1 765 | 2 250 | 2 634 | 3 078 | 3 586 | 4 158 | 4 796 | 5 431 |
| 1,90        | 21,20                   | 40,00  | –           | –     | –     | 907   | 1 453 | 1 941 | 2 324 | 2 771 | 3 279 | 3 853 | 4 488 | 5 123 |
| 1,98        | 18,00                   | 35,50  | –           | –     | –     | 1 069 | 1 610 | 2 096 | 2 479 | 2 926 | 3 434 | 4 008 | 4 643 | 5 278 |
| 2,00        | 12,50                   | 24,80  | –           | 739   | 1 021 | 1 407 | 1 943 | 2 426 | 2 807 | 3 254 | 3 762 | 4 333 | 4 968 | 5 603 |
| 2,00        | 22,40                   | 44,50  | –           | –     | –     | –     | 1 328 | 1 819 | 2 205 | 2 652 | 3 162 | 3 736 | 4 371 | 5 009 |
| 2,01        | 15,00                   | 30,00  | –           | –     | 859   | 1 247 | 1 786 | 2 271 | 2 652 | 3 096 | 3 607 | 4 178 | 4 813 | 5 448 |
| 2,01        | 20,00                   | 40,00  | –           | –     | –     | 927   | 1 473 | 1 963 | 2 347 | 2 791 | 3 302 | 3 876 | 4 511 | 5 149 |
| 2,10        | 17,00                   | 35,50  | –           | –     | –     | 1 087 | 1 628 | 2 116 | 2 499 | 2 944 | 3 454 | 4 026 | 4 663 | 5 298 |
| 2,11        | 21,20                   | 44,50  | –           | –     | –     | –     | 1 349 | 1 842 | 2 228 | 2 675 | 3 185 | 3 759 | 4 394 | 5 032 |
| 2,12        | 19,00                   | 40,00  | –           | –     | –     | 945   | 1 491 | 1 981 | 2 365 | 2 812 | 3 322 | 3 894 | 4 531 | 5 166 |
| 2,16        | 14,00                   | 30,00  | –           | –     | 876   | 1 265 | 1 803 | 2 289 | 2 672 | 3 117 | 3 625 | 4 199 | 4 834 | 5 469 |
| 2,23        | 16,00                   | 35,50  | –           | –     | 709   | 1 105 | 1 646 | 2 134 | 2 517 | 2 964 | 3 472 | 4 046 | 4 681 | 5 316 |
| 2,24        | 18,00                   | 40,00  | –           | –     | –     | 963   | 1 511 | 1 999 | 2 383 | 2 830 | 3 340 | 3 914 | 4 549 | 5 187 |
| 2,24        | 20,00                   | 44,50  | –           | –     | –     | –     | 1 372 | 1 862 | 2 248 | 2 697 | 3 208 | 3 782 | 4 417 | 5 055 |
| 2,29        | 13,20                   | 30,00  | –           | 599   | 892   | 1 280 | 1 819 | 2 304 | 2 687 | 3 132 | 3 640 | 4 214 | 4 849 | 5 484 |
| 2,36        | 19,00                   | 44,50  | –           | –     | –     | –     | 1 389 | 1 882 | 2 266 | 2 715 | 3 226 | 3 800 | 4 437 | 5 072 |
| 2,37        | 17,00                   | 40,00  | –           | –     | –     | 978   | 1 529 | 2 017 | 2 403 | 2 850 | 3 360 | 3 932 | 4 569 | 5 204 |
| 2,38        | 22,40                   | 53,00  | –           | –     | –     | –     | 1 123 | 1 626 | 2 014 | 2 466 | 2 979 | 3 556 | 4 194 | 4 831 |
| 2,39        | 15,00                   | 35,50  | –           | –     | 724   | 1 123 | 1 666 | 2 151 | 2 535 | 2 982 | 3 493 | 4 064 | 4 702 | 5 337 |
| 2,42        | 12,50                   | 30,00  | –           | 610   | 904   | 1 293 | 1 831 | 2 316 | 2 700 | 3 145 | 3 655 | 4 227 | 4 862 | 5 499 |
| 2,49        | 18,00                   | 44,50  | –           | –     | –     | 846   | 1 407 | 1 900 | 2 286 | 2 733 | 3 246 | 3 820 | 4 455 | 5 093 |
| 2,51        | 21,20                   | 53,00  | –           | –     | –     | –     | 1 140 | 1 646 | 2 037 | 2 489 | 3 002 | 3 579 | 4 216 | 4 854 |
| 2,52        | 16,00                   | 40,00  | –           | –     | –     | 996   | 1 547 | 2 035 | 2 421 | 2 868 | 3 378 | 3 952 | 4 587 | 5 225 |
| 2,56        | 14,00                   | 35,50  | –           | –     | 742   | 1 140 | 1 684 | 2 172 | 2 555 | 3 002 | 3 510 | 4 084 | 4 719 | 5 357 |
| 2,64        | 17,00                   | 44,50  | –           | –     | –     | 861   | 1 422 | 1 918 | 2 304 | 2 753 | 3 264 | 3 838 | 4 475 | 5 113 |
| 2,67        | 20,00                   | 53,00  | –           | –     | –     | –     | 1 161 | 1 666 | 2 057 | 2 510 | 3 025 | 3 599 | 4 239 | 4 877 |
| 2,69        | 15,00                   | 40,00  | –           | –     | –     | 1 013 | 1 565 | 2 055 | 2 438 | 2 885 | 3 396 | 3 970 | 4 608 | 5 243 |
| 2,72        | 13,20                   | 35,50  | –           | –     | 754   | 1 153 | 1 697 | 2 184 | 2 570 | 3 015 | 3 526 | 4 100 | 4 735 | 5 372 |
| 2,80        | 16,00                   | 44,50  | –           | –     | –     | 879   | 1 440 | 1 935 | 2 322 | 2 771 | 3 282 | 3 856 | 4 493 | 5 131 |
| 2,81        | 19,00                   | 53,00  | –           | –     | –     | –     | 1 179 | 1 684 | 2 075 | 2 527 | 3 043 | 3 620 | 4 257 | 4 895 |
| 2,83        | 22,40                   | 63,00  | –           | –     | –     | –     | –     | 1 377 | 1 778 | 2 238 | 2 758 | 3 338 | 3 978 | 4 618 |
| 2,87        | 12,50                   | 35,50  | –           | –     | 765   | 1 166 | 1 709 | 2 200 | 2 583 | 3 030 | 3 538 | 4 112 | 4 750 | 5 385 |
| 2,88        | 14,00                   | 40,00  | –           | –     | –     | 1 029 | 1 582 | 2 073 | 2 456 | 2 906 | 3 416 | 3 990 | 4 625 | 5 263 |
| 2,97        | 18,00                   | 53,00  | –           | –     | –     | –     | 1 194 | 1 702 | 2 093 | 2 545 | 3 061 | 3 637 | 4 277 | 4 915 |
| 2,99        | 15,00                   | 44,50  | –           | –     | –     | 894   | 1 458 | 1 953 | 2 339 | 2 789 | 3 302 | 3 876 | 4 514 | 5 151 |
| 2,99        | 21,20                   | 63,00  | –           | –     | –     | –     | –     | 1 394 | 1 798 | 2 258 | 2 779 | 3 360 | 4 001 | 4 641 |
| 3,06        | 13,20                   | 40,00  | –           | –     | –     | 1 044 | 1 595 | 2 085 | 2 471 | 2 921 | 3 432 | 4 006 | 4 641 | 5 278 |
| 3,14        | 17,00                   | 53,00  | –           | –     | –     | –     | 1 212 | 1 720 | 2 111 | 2 563 | 3 078 | 3 655 | 4 295 | 4 933 |
| 3,17        | 20,00                   | 63,00  | –           | –     | –     | –     | –     | 1 415 | 1 819 | 2 281 | 2 799 | 3 381 | 4 023 | 4 663 |
| 3,19        | 22,40                   | 71,00  | –           | –     | –     | –     | –     | –     | 1 572 | 2 045 | 2 573 | 3 157 | 3 802 | 4 445 |
| 3,21        | 14,00                   | 44,50  | –           | –     | –     | 909   | 1 476 | 1 971 | 2 357 | 2 807 | 3 320 | 3 894 | 4 531 | 5 169 |
| 3,24        | 12,50                   | 40,00  | –           | –     | –     | 1 054 | 1 608 | 2 098 | 2 484 | 2 934 | 3 444 | 4 018 | 4 656 | 5 291 |
| 3,34        | 16,00                   | 53,00  | –           | –     | –     | –     | 1 227 | 1 735 | 2 129 | 2 583 | 3 096 | 3 675 | 4 313 | 4 953 |
| 3,34        | 19,00                   | 63,00  | –           | –     | –     | –     | –     | 1 430 | 1 836 | 2 299 | 2 817 | 3 399 | 4 041 | 4 681 |
| 3,37        | 21,20                   | 71,00  | –           | –     | –     | –     | –     | –     | 1 593 | 2 065 | 2 593 | 3 178 | 3 825 | 4 468 |
| 3,41        | 13,20                   | 44,50  | –           | –     | –     | 922   | 1 488 | 1 984 | 2 372 | 2 822 | 3 335 | 3 909 | 4 547 | 5 184 |
| 3,53        | 18,00                   | 63,00  | –           | –     | –     | –     | –     | 1 448 | 1 852 | 2 314 | 2 835 | 3 416 | 4 059 | 4 699 |
| 3,57        | 15,00                   | 53,00  | –           | –     | –     | –     | 1 242 | 1 753 | 2 146 | 2 601 | 3 114 | 3 693 | 4 333 | 4 971 |
| 3,58        | 20,00                   | 71,00  | –           | –     | –     | –     | –     | –     | 1 610 | 2 085 | 2 614 | 3 200 | 3 846 | 4 488 |
| 3,60        | 12,50                   | 44,50  | –           | –     | –     | 935   | 1 501 | 1 996 | 2 385 | 2 835 | 3 348 | 3 922 | 4 559 | 5 197 |
| 3,74        | 17,00                   | 63,00  | –           | –     | –     | –     | –     | 1 463 | 1 869 | 2 332 | 2 852 | 3 434 | 4 079 | 4 719 |
| 3,77        | 19,00                   | 71,00  | –           | –     | –     | –     | –     | 1 199 | 1 628 | 2 103 | 2 631 | 3 218 | 3 863 | 4 506 |
| 3,83        | 14,00                   | 53,00  | –           | –     | –     | –     | 1 260 | 1 770 | 2 164 | 2 619 | 3 134 | 3 711 | 4 351 | 4 989 |
| 3,97        | 16,00                   | 63,00  | –           | –     | –     | –     | –     | 1 478 | 1 887 | 2 350 | 2 870 | 3 454 | 4 097 | 4 737 |
| 3,98        | 18,00                   | 71,00  | –           | –     | –     | –     | –     | 1 214 | 1 643 | 2 118 | 2 649 | 3 236 | 3 881 | 4 526 |
| 4,06        | 13,20                   | 53,00  | –           | –     | –     | –     | 1 273 | 1 783 | 2 177 | 2 631 | 3 147 | 3 726 | 4 366 | 5 004 |
| 4,21        | 17,00                   | 71,00  | –           | –     | –     | –     | –     | 1 229 | 1 659 | 2 136 | 2 664 | 3 254 | 3 899 | 4 544 |
| 4,24        | 15,00                   | 63,00  | –           | –     | –     | –     | –     | 1 496 | 1 902 | 2 367 | 2 888 | 3 472 | 4 115 | 4 755 |
| 4,29        | 12,50                   | 53,00  | –           | –     | –     | –     | 1 283 | 1 796 | 2 189 | 2 644 | 3 160 | 3 739 | 4 379 | 5 017 |
| 4,48        | 16,00                   | 71,00  | –           | –     | –     | –     | –     | 1 245 | 1 676 | 2 151 | 2 682 | 3 272 | 3 919 | 4 562 |
| 4,55        | 14,00                   | 63,00  | –           | –     | –     | –     | –     | 1 511 | 1 920 | 2 385 | 2 906 | 3 490 | 4 133 | 4 775 |
| 4,78        | 15,00                   | 71,00  | –           | –     | –     | –     | –     | 1 260 | 1 692 | 2 169 | 2 700 | 3 289 | 3 937 | 4 580 |
| 4,83        | 13,20                   | 63,00  | –           | –     | –     | –     | –     | 1 524 | 1 933 | 2 398 | 2 921 | 3 503 | 4 148 | 4 788 |
| 5,11        | 12,50                   | 63,00  | –           | –     | –     | –     | –     | 1 537 | 1 946 | 2 410 | 2 934 | 3 515 | 4 161 | 4 801 |
| 5,13        | 14,00                   | 71,00  | –           | –     | –     | –     | –     | 1 275 | 1 707 | 2 187 | 2 718 | 3 307 | 3 955 | 4 597 |
| 5,45        | 13,20                   | 71,00  | –           | –     | –     | –     | –     | 1 288 | 1 720 | 2 200 | 2 731 | 3 320 | 3 967 | 4 613 |
| 5,76        | 12,50                   | 71,00  | –           | –     | –     | –     | –     | 1 298 | 1 732 | 2 210 | 2 743 | 3 332 | 3 980 | 4 625 |

\*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

# Recommended standard pulley diameters for faster shaft

| Pulleys datum diameters | 50 56 60 63 67 71 75 80 85 90 95 100 106 112 118 125 132 140 150 160 170 180 190 200 212 |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------------------|--|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                         | 50   | 56 | 60 | 63 | 67 | 71 | 75 | 80 | 85 | 90 | 95 | 100 | 106 | 112 | 118 | 125 | 132 | 140 | 150 | 160 | 170 | 180 | 190 | 200 | 212 |
| Z                       | ✓*   | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| A                       |  |    |    |    |    | ✓* | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| B                       |  |    |    |    |    |    |    |    |    |    |    |     |     | ✓*  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| C                       |  |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     | ✓*  | ✓   | ✓   |
| D                       |  |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| SPZ/SPZ-XP              |  |    |    |    | ✓* | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| SPA/SPA-XP              |  |    |    |    |    |    |    |    |    | ✓* | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| SPB/SPB-XP              |  |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     | ✓*  | ✓   | ✓   | ✓   | ✓   | ✓   |
| SPC/SPC-XP              |  |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| ZX                      | ✓*   | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| AX                      |  |    |    |    | ✓* | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| BX                      |  |    |    |    |    |    |    |    |    | ✓* | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| CX                      |  |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     | ✓*  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| XPZ                     |  | ✓* | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| XPA                     |  |    |    |    |    |    | ✓  | ✓  | ✓  | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| XPB                     |  |    |    |    |    |    |    |    |    |    |    |     |     | ✓*  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |
| XPC                     |  |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     | ✓   | ✓   | ✓   | ✓   |

\*Shows minimum pulley diameter for particular section. If smaller pulley diameter is used, the belt service life could be affected.

# Speed ratios with standard pulley diameters

| Pulley datum diameter [mm] | 50 56 60 63 67 71 75 80 85 90 95 100 106 112 118 125 132 140 150 160 170 180 190 200 212 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                            | 50   | 56   | 60   | 63   | 67   | 71   | 75   | 80   | 85   | 90   | 95   | 100  | 106  | 112  | 118  | 125  | 132  | 140  | 150  | 160  | 170  | 180  | 190  | 200  | 212  |
| mm                         | -  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 50                         | 1  | 1,12 | 1,20 | 1,26 | 1,34 | 1,42 | 1,50 | 1,60 | 1,70 | 1,80 | 1,90 | 2    | 2,12 | 2,24 | 2,36 | 2,50 | 2,64 | 2,80 | 3    | 3,20 | 3,40 | 3,60 | 3,80 | 4    | 4,24 |
| 56                         |  | 1    | 1,07 | 1,13 | 1,20 | 1,27 | 1,34 | 1,43 | 1,52 | 1,61 | 1,70 | 1,79 | 1,89 | 2    | 2,11 | 2,23 | 2,36 | 2,50 | 2,68 | 2,86 | 3,04 | 3,21 | 3,39 | 3,57 | 3,79 |
| 60                         |  |      | 1    | 1,05 | 1,12 | 1,18 | 1,25 | 1,33 | 1,42 | 1,50 | 1,58 | 1,67 | 1,77 | 1,87 | 1,97 | 2,08 | 2,20 | 2,33 | 2,50 | 2,67 | 2,83 | 3    | 3,17 | 3,33 | 3,53 |
| 63                         |  |      |      | 1    | 1,06 | 1,13 | 1,19 | 1,27 | 1,35 | 1,43 | 1,51 | 1,59 | 1,68 | 1,78 | 1,87 | 1,98 | 2,10 | 2,22 | 2,38 | 2,54 | 2,70 | 2,86 | 3,02 | 3,17 | 3,37 |
| 67                         |  |      |      |      | 1    | 1,06 | 1,12 | 1,19 | 1,27 | 1,34 | 1,42 | 1,49 | 1,58 | 1,67 | 1,76 | 1,87 | 1,97 | 2,09 | 2,24 | 2,39 | 2,54 | 2,69 | 2,84 | 2,99 | 3,16 |
| 71                         |  |      |      |      |      | 1    | 1,06 | 1,13 | 1,20 | 1,27 | 1,34 | 1,41 | 1,49 | 1,58 | 1,66 | 1,76 | 1,86 | 1,97 | 2,11 | 2,25 | 2,39 | 2,54 | 2,68 | 2,82 | 2,99 |
| 75                         |  |      |      |      |      |      | 1    | 1,07 | 1,13 | 1,20 | 1,27 | 1,33 | 1,41 | 1,49 | 1,57 | 1,67 | 1,76 | 1,87 | 2    | 2,13 | 2,27 | 2,40 | 2,53 | 2,67 | 2,83 |
| 80                         |  |      |      |      |      |      |      | 1    | 1,06 | 1,13 | 1,19 | 1,25 | 1,33 | 1,40 | 1,48 | 1,56 | 1,65 | 1,75 | 1,88 | 2    | 2,13 | 2,25 | 2,38 | 2,50 | 2,65 |
| 85                         |  |      |      |      |      |      |      |      | 1    | 1,06 | 1,12 | 1,18 | 1,25 | 1,32 | 1,39 | 1,47 | 1,55 | 1,65 | 1,76 | 1,88 | 2    | 2,12 | 2,24 | 2,35 | 2,49 |
| 90                         |  |      |      |      |      |      |      |      |      | 1    | 1,06 | 1,11 | 1,18 | 1,24 | 1,31 | 1,39 | 1,47 | 1,56 | 1,67 | 1,78 | 1,89 | 2    | 2,11 | 2,22 | 2,36 |
| 95                         |  |      |      |      |      |      |      |      |      |      | 1    | 1,05 | 1,12 | 1,18 | 1,24 | 1,32 | 1,39 | 1,47 | 1,58 | 1,68 | 1,79 | 1,89 | 2    | 2,11 | 2,23 |
| 100                        |  |      |      |      |      |      |      |      |      |      |      | 1    | 1,06 | 1,12 | 1,18 | 1,25 | 1,32 | 1,40 | 1,50 | 1,60 | 1,70 | 1,80 | 1,90 | 2    | 2,12 |
| 106                        |  |      |      |      |      |      |      |      |      |      |      |      | 1    | 1,06 | 1,11 | 1,18 | 1,25 | 1,32 | 1,42 | 1,51 | 1,60 | 1,70 | 1,79 | 1,89 | 2    |
| 112                        |  |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1,05 | 1,12 | 1,18 | 1,25 | 1,34 | 1,43 | 1,52 | 1,61 | 1,70 | 1,79 | 1,89 |
| 118                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1,06 | 1,12 | 1,19 | 1,27 | 1,36 | 1,44 | 1,53 | 1,61 | 1,69 | 1,80 |
| 125                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1,06 | 1,12 | 1,20 | 1,28 | 1,36 | 1,44 | 1,52 | 1,60 | 1,70 |
| 132                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1,06 | 1,14 | 1,21 | 1,29 | 1,36 | 1,44 | 1,52 | 1,61 |
| 140                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1,07 | 1,14 | 1,21 | 1,29 | 1,36 | 1,43 | 1,51 |
| 150                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1,07 | 1,13 | 1,20 | 1,27 | 1,33 | 1,41 |
| 160                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1,06 | 1,13 | 1,19 | 1,25 | 1,33 |
| 170                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1,06 | 1,12 | 1,18 | 1,25 |
| 180                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1,06 | 1,11 | 1,18 |
| 190                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1,05 | 1,12 |
| 200                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1,06 |
| 212                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |
| 224                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 236                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 250                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 265                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 280                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 300                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 315                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 335                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 355                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 375                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 400                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 425                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 450                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 475                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 500                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 530                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 560                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 630                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 710                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 800                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 900                        |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 1 000                      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 1 250                      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |



# Recommended standard pulley diameters for faster shaft

| Pulley outside diameter | 2.65 | 2.8 | 3 | 3.15 | 3.35 | 3.65 | 4.12 | 4.5 | 4.75 | 5 | 5.3 | 5.6 | 6 | 6.5 | 6.9 | 7.1 | 7.5 | 8 | 8.5 | 9 | 9.25 | 9.75 | 10.3 | 10.6 | 10.9 |   |
|-------------------------|------|-----|---|------|------|------|------|-----|------|---|-----|-----|---|-----|-----|-----|-----|---|-----|---|------|------|------|------|------|---|
| 3V/3V-XP                | ✓*   | ✓   | ✓ | ✓    | ✓    | ✓    | ✓    | ✓   | ✓    | ✓ | ✓   | ✓   | ✓ | ✓   | ✓   | ✓   | ✓   | ✓ | ✓   | ✓ | ✓    | ✓    | ✓    | ✓    | ✓    | ✓ |
| 5V/5V-XP                |      |     |   |      |      |      |      |     |      |   |     |     |   |     |     |     |     |   |     |   |      |      |      |      |      |   |
| 8V/8V-XP                |      |     |   |      |      |      |      |     |      |   |     |     |   |     |     |     |     |   |     |   |      |      |      |      |      |   |
| 3VX                     | ✓*   | ✓   | ✓ | ✓    | ✓    | ✓    | ✓    | ✓   | ✓    | ✓ | ✓   | ✓   | ✓ | ✓   | ✓   | ✓   | ✓   | ✓ | ✓   | ✓ | ✓    | ✓    | ✓    | ✓    | ✓    | ✓ |
| 5VX                     |      |     |   |      |      |      |      |     |      |   |     |     |   |     |     |     |     |   |     |   |      |      |      |      |      |   |

\*Shows minimum pulley diameter for particular section. If smaller pulley diameter is used, the belt service life could be affected.

# Speed ratios with standard pulley diameters

| Pulley outside diameter | 2.65 | 2.8  | 3    | 3.15 | 3.35 | 3.65 | 4.12 | 4.5  | 4.75 | 5    | 5.3  | 5.6  | 6    | 6.5  | 6.9  | 7.1  | 7.5  | 8    | 8.5  | 9    | 9.25 | 9.75 | 10.3 | 10.6 | 10.9 |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| in.                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 2.65                    | 1    | 1.06 | 1.13 | 1.19 | 1.26 | 1.38 | 1.55 | 1.70 | 1.79 | 1.89 | 2    | 2.11 | 2.26 | 2.45 | 2.60 | 2.68 | 2.83 | 3.02 | 3.21 | 3.40 | 3.49 | 3.68 | 3.89 | 4    | 4.11 |
| 2.8                     |      | 1    | 1.07 | 1.13 | 1.20 | 1.30 | 1.47 | 1.61 | 1.70 | 1.79 | 1.89 | 2    | 2.14 | 2.32 | 2.46 | 2.54 | 2.68 | 2.86 | 3.04 | 3.21 | 3.30 | 3.48 | 3.68 | 3.79 | 3.89 |
| 3                       |      |      | 1    | 1.05 | 1.12 | 1.22 | 1.37 | 1.50 | 1.58 | 1.67 | 1.77 | 1.87 | 2    | 2.17 | 2.30 | 2.37 | 2.50 | 2.67 | 2.83 | 3    | 3.08 | 3.25 | 3.43 | 3.53 | 3.63 |
| 3.15                    |      |      |      | 1    | 1.06 | 1.16 | 1.31 | 1.43 | 1.51 | 1.59 | 1.68 | 1.78 | 1.90 | 2.06 | 2.19 | 2.25 | 2.38 | 2.54 | 2.70 | 2.86 | 2.94 | 3.10 | 3.27 | 3.37 | 3.46 |
| 3.35                    |      |      |      |      | 1    | 1.09 | 1.23 | 1.34 | 1.42 | 1.49 | 1.58 | 1.67 | 1.79 | 1.94 | 2.06 | 2.12 | 2.24 | 2.39 | 2.54 | 2.69 | 2.76 | 2.91 | 3.07 | 3.16 | 3.25 |
| 3.65                    |      |      |      |      |      | 1    | 1.13 | 1.23 | 1.30 | 1.37 | 1.45 | 1.53 | 1.64 | 1.78 | 1.89 | 1.95 | 2.05 | 2.19 | 2.33 | 2.47 | 2.53 | 2.67 | 2.82 | 2.90 | 2.99 |
| 4.12                    |      |      |      |      |      |      | 1    | 1.09 | 1.15 | 1.21 | 1.29 | 1.36 | 1.46 | 1.58 | 1.67 | 1.72 | 1.82 | 1.94 | 2.06 | 2.18 | 2.25 | 2.37 | 2.50 | 2.57 | 2.65 |
| 4.5                     |      |      |      |      |      |      |      | 1    | 1.06 | 1.11 | 1.18 | 1.24 | 1.33 | 1.44 | 1.53 | 1.58 | 1.67 | 1.78 | 1.89 | 2    | 2.06 | 2.17 | 2.29 | 2.36 | 2.42 |
| 4.75                    |      |      |      |      |      |      |      |      | 1    | 1.05 | 1.12 | 1.18 | 1.26 | 1.37 | 1.45 | 1.49 | 1.58 | 1.68 | 1.79 | 1.89 | 1.95 | 2.05 | 2.17 | 2.23 | 2.29 |
| 5                       |      |      |      |      |      |      |      |      |      | 1    | 1.06 | 1.12 | 1.20 | 1.30 | 1.38 | 1.42 | 1.50 | 1.60 | 1.70 | 1.80 | 1.85 | 1.95 | 2.06 | 2.12 | 2.18 |
| 5.3                     |      |      |      |      |      |      |      |      |      |      | 1    | 1.06 | 1.13 | 1.23 | 1.30 | 1.34 | 1.42 | 1.51 | 1.60 | 1.70 | 1.75 | 1.84 | 1.94 | 2    | 2.06 |
| 5.6                     |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.07 | 1.16 | 1.23 | 1.27 | 1.34 | 1.43 | 1.52 | 1.61 | 1.65 | 1.74 | 1.84 | 1.89 | 1.95 |
| 6                       |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.08 | 1.15 | 1.18 | 1.25 | 1.33 | 1.42 | 1.50 | 1.54 | 1.63 | 1.72 | 1.77 | 1.82 |
| 6.5                     |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.06 | 1.09 | 1.15 | 1.23 | 1.31 | 1.38 | 1.42 | 1.50 | 1.58 | 1.63 | 1.68 |
| 6.9                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.03 | 1.09 | 1.16 | 1.23 | 1.30 | 1.34 | 1.41 | 1.49 | 1.54 | 1.58 |
| 7.1                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.06 | 1.13 | 1.20 | 1.27 | 1.30 | 1.37 | 1.45 | 1.49 | 1.54 |
| 7.5                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.07 | 1.13 | 1.20 | 1.23 | 1.30 | 1.37 | 1.41 | 1.45 |
| 8                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.06 | 1.13 | 1.16 | 1.22 | 1.29 | 1.33 | 1.36 |
| 8.5                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.06 | 1.09 | 1.15 | 1.21 | 1.25 | 1.28 |
| 9                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.03 | 1.08 | 1.14 | 1.18 | 1.21 |
| 9.25                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.05 | 1.11 | 1.15 | 1.18 |
| 9.75                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.06 | 1.09 | 1.12 |
| 10.3                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.03 | 1.06 |
| 10.6                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.03 |
| 10.9                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |
| 11.8                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 12.5                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 13.2                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 14                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 15                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 16                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 17                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 18                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 19                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 20                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 21.2                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 22.4                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 24.8                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 25                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 28                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 30                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 33.5                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 35.5                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 37.5                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 40                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 44.5                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 50                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 53                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

# - narrow wedge pulleys RMA

Table 6a

| 11.8 | 12.5 | 13.2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21.2 | 22.4 | 24.8 | 25 | 28 | 30 | 33.5 | 35.5 | 37.5 | 40 | 44.5 | 50 | 53 |
|------|------|------|----|----|----|----|----|----|----|------|------|------|----|----|----|------|------|------|----|------|----|----|
| ✓    | ✓    | ✓    | ✓* | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓    | ✓    | ✓  | ✓  | ✓  |      |      |      |    |      |    |    |
| ✓    | ✓    | ✓    |    |    |    |    |    |    |    |      |      |      |    |    |    |      |      |      |    |      |    |    |

3V  
5V  
8V  
3VX  
5VX

# - wedge narrow pulleys RMA

Table 6b

| 11.8 | 12.5 | 13.2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21.2 | 22.4 | 24.8 | 25 | 28 | 30 | 33.5 | 35.5 | 37.5 | 40 | 44.5 | 50 | 53 |
|------|------|------|----|----|----|----|----|----|----|------|------|------|----|----|----|------|------|------|----|------|----|----|
|------|------|------|----|----|----|----|----|----|----|------|------|------|----|----|----|------|------|------|----|------|----|----|

in.

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 4.45 | 4.72 | 4.98 | 5.28 | 5.66 | 6.04 | 6.42 | 6.79 | 7.17 | 7.55 | 8    | 8.45 | 9.36 | 9.43 | 10.57 | 11.32 | 12.64 | 13.40 | 14.15 | 15.09 | 16.79 | 18.87 | 20    | 2.65 |
| 4.21 | 4.46 | 4.71 | 5    | 5.36 | 5.71 | 6.07 | 6.43 | 6.79 | 7.14 | 7.57 | 8    | 8.86 | 8.93 | 10    | 10.71 | 11.96 | 12.68 | 13.39 | 14.29 | 15.89 | 17.86 | 18.93 | 2.8  |
| 3.93 | 4.17 | 4.40 | 4.67 | 5    | 5.33 | 5.67 | 6    | 6.33 | 6.67 | 7.07 | 7.47 | 8.27 | 8.33 | 9.33  | 10    | 11.17 | 11.83 | 12.50 | 13.33 | 14.83 | 16.67 | 17.67 | 3    |
| 3.75 | 3.97 | 4.19 | 4.44 | 4.76 | 5.08 | 5.40 | 5.71 | 6.03 | 6.35 | 6.73 | 7.11 | 7.87 | 7.94 | 8.89  | 9.52  | 10.63 | 11.27 | 11.90 | 12.70 | 14.13 | 15.87 | 16.83 | 3.15 |
| 3.52 | 3.73 | 3.94 | 4.18 | 4.48 | 4.78 | 5.07 | 5.37 | 5.67 | 5.97 | 6.33 | 6.69 | 7.40 | 7.46 | 8.36  | 8.96  | 10    | 10.60 | 11.19 | 11.94 | 13.28 | 14.93 | 15.82 | 3.35 |
| 3.23 | 3.42 | 3.62 | 3.84 | 4.11 | 4.38 | 4.66 | 4.93 | 5.21 | 5.48 | 5.81 | 6.14 | 6.79 | 6.85 | 7.67  | 8.22  | 9.18  | 9.73  | 10.27 | 10.96 | 12.19 | 13.70 | 14.52 | 3.65 |
| 2.86 | 3.03 | 3.20 | 3.40 | 3.64 | 3.88 | 4.13 | 4.37 | 4.61 | 4.85 | 5.15 | 5.44 | 6.02 | 6.07 | 6.80  | 7.28  | 8.13  | 8.62  | 9.10  | 9.71  | 10.80 | 12.14 | 12.86 | 4.12 |
| 2.62 | 2.78 | 2.93 | 3.11 | 3.33 | 3.56 | 3.78 | 4    | 4.22 | 4.44 | 4.71 | 4.98 | 5.51 | 5.56 | 6.22  | 6.67  | 7.44  | 7.89  | 8.33  | 8.89  | 9.89  | 11.11 | 11.78 | 4.5  |
| 2.48 | 2.63 | 2.78 | 2.95 | 3.16 | 3.37 | 3.58 | 3.79 | 4    | 4.21 | 4.46 | 4.72 | 5.22 | 5.26 | 5.89  | 6.32  | 7.05  | 7.47  | 7.89  | 8.42  | 9.37  | 10.53 | 11.16 | 4.75 |
| 2.36 | 2.50 | 2.64 | 2.80 | 3    | 3.20 | 3.40 | 3.60 | 3.80 | 4    | 4.24 | 4.48 | 4.96 | 5    | 5.60  | 6     | 6.70  | 7.10  | 7.50  | 8     | 8.90  | 10    | 10.60 | 5    |
| 2.23 | 2.36 | 2.49 | 2.64 | 2.83 | 3.02 | 3.21 | 3.40 | 3.58 | 3.77 | 4    | 4.23 | 4.68 | 4.72 | 5.28  | 5.66  | 6.32  | 6.70  | 7.08  | 7.55  | 8.40  | 9.43  | 10    | 5.3  |
| 2.11 | 2.23 | 2.36 | 2.50 | 2.68 | 2.86 | 3.04 | 3.21 | 3.39 | 3.57 | 3.79 | 4    | 4.43 | 4.46 | 5     | 5.36  | 5.98  | 6.34  | 6.70  | 7.14  | 7.95  | 8.93  | 9.46  | 5.6  |
| 1.97 | 2.08 | 2.20 | 2.33 | 2.50 | 2.67 | 2.83 | 3    | 3.17 | 3.33 | 3.53 | 3.73 | 4.13 | 4.17 | 4.67  | 5     | 5.58  | 5.92  | 6.25  | 6.67  | 7.42  | 8.33  | 8.83  | 6    |
| 1.82 | 1.92 | 2.03 | 2.15 | 2.31 | 2.46 | 2.62 | 2.77 | 2.92 | 3.08 | 3.26 | 3.45 | 3.82 | 3.85 | 4.31  | 4.62  | 5.15  | 5.46  | 5.77  | 6.15  | 6.85  | 7.69  | 8.15  | 6.5  |
| 1.71 | 1.81 | 1.91 | 2.03 | 2.17 | 2.32 | 2.46 | 2.61 | 2.75 | 2.90 | 3.07 | 3.25 | 3.59 | 3.62 | 4.06  | 4.35  | 4.86  | 5.14  | 5.43  | 5.80  | 6.45  | 7.25  | 7.68  | 6.9  |
| 1.66 | 1.76 | 1.86 | 1.97 | 2.11 | 2.25 | 2.39 | 2.54 | 2.68 | 2.82 | 2.99 | 3.15 | 3.49 | 3.52 | 3.94  | 4.23  | 4.72  | 5     | 5.28  | 5.63  | 6.27  | 7.04  | 7.46  | 7.1  |
| 1.57 | 1.67 | 1.76 | 1.87 | 2    | 2.13 | 2.27 | 2.40 | 2.53 | 2.67 | 2.83 | 2.99 | 3.31 | 3.33 | 3.73  | 4     | 4.47  | 4.73  | 5     | 5.33  | 5.93  | 6.67  | 7.07  | 7.5  |
| 1.48 | 1.56 | 1.65 | 1.75 | 1.88 | 2    | 2.13 | 2.25 | 2.38 | 2.50 | 2.65 | 2.80 | 3.10 | 3.13 | 3.50  | 3.75  | 4.19  | 4.44  | 4.69  | 5     | 5.56  | 6.25  | 6.63  | 8    |
| 1.39 | 1.47 | 1.55 | 1.65 | 1.76 | 1.88 | 2    | 2.12 | 2.24 | 2.35 | 2.49 | 2.64 | 2.92 | 2.94 | 3.29  | 3.53  | 3.94  | 4.18  | 4.41  | 4.71  | 5.24  | 5.88  | 6.24  | 8.5  |
| 1.31 | 1.39 | 1.47 | 1.56 | 1.67 | 1.78 | 1.89 | 2    | 2.11 | 2.22 | 2.36 | 2.49 | 2.76 | 2.78 | 3.11  | 3.33  | 3.72  | 3.94  | 4.17  | 4.44  | 4.94  | 5.56  | 5.89  | 9    |
| 1.28 | 1.35 | 1.43 | 1.51 | 1.62 | 1.73 | 1.84 | 1.95 | 2.05 | 2.16 | 2.29 | 2.42 | 2.68 | 2.70 | 3.03  | 3.24  | 3.62  | 3.84  | 4.05  | 4.32  | 4.81  | 5.41  | 5.73  | 9.25 |
| 1.21 | 1.28 | 1.35 | 1.44 | 1.54 | 1.64 | 1.74 | 1.85 | 1.95 | 2.05 | 2.17 | 2.30 | 2.54 | 2.56 | 2.87  | 3.08  | 3.44  | 3.64  | 3.85  | 4.10  | 4.56  | 5.13  | 5.44  | 9.75 |
| 1.15 | 1.21 | 1.28 | 1.36 | 1.46 | 1.55 | 1.65 | 1.75 | 1.84 | 1.94 | 2.06 | 2.17 | 2.41 | 2.43 | 2.72  | 2.91  | 3.25  | 3.45  | 3.64  | 3.88  | 4.32  | 4.85  | 5.15  | 10.3 |
| 1.11 | 1.18 | 1.25 | 1.32 | 1.42 | 1.51 | 1.60 | 1.70 | 1.79 | 1.89 | 2    | 2.11 | 2.34 | 2.36 | 2.64  | 2.83  | 3.16  | 3.35  | 3.54  | 3.77  | 4.20  | 4.72  | 5     | 10.6 |
| 1.08 | 1.15 | 1.21 | 1.28 | 1.38 | 1.47 | 1.56 | 1.65 | 1.74 | 1.83 | 1.94 | 2.06 | 2.28 | 2.29 | 2.57  | 2.75  | 3.07  | 3.26  | 3.44  | 3.67  | 4.08  | 4.59  | 4.86  | 10.9 |
| 1    | 1.06 | 1.12 | 1.19 | 1.27 | 1.36 | 1.44 | 1.53 | 1.61 | 1.69 | 1.80 | 1.90 | 2.10 | 2.12 | 2.37  | 2.54  | 2.84  | 3.01  | 3.18  | 3.39  | 3.77  | 4.24  | 4.49  | 11.8 |
|      | 1    | 1.06 | 1.12 | 1.20 | 1.28 | 1.36 | 1.44 | 1.52 | 1.60 | 1.70 | 1.79 | 1.98 | 2    | 2.24  | 2.40  | 2.68  | 2.84  | 3     | 3.20  | 3.56  | 4     | 4.24  | 12.5 |
|      |      | 1    | 1.06 | 1.14 | 1.21 | 1.29 | 1.36 | 1.44 | 1.52 | 1.61 | 1.70 | 1.88 | 1.89 | 2.12  | 2.27  | 2.54  | 2.69  | 2.84  | 3.03  | 3.37  | 3.79  | 4.02  | 13.2 |
|      |      |      | 1    | 1.07 | 1.14 | 1.21 | 1.29 | 1.36 | 1.43 | 1.51 | 1.60 | 1.77 | 1.79 | 2     | 2.14  | 2.39  | 2.54  | 2.68  | 2.86  | 3.18  | 3.57  | 3.79  | 14   |
|      |      |      |      | 1    | 1.07 | 1.13 | 1.20 | 1.27 | 1.33 | 1.41 | 1.49 | 1.65 | 1.67 | 1.87  | 2     | 2.23  | 2.37  | 2.50  | 2.67  | 2.97  | 3.33  | 3.53  | 15   |
|      |      |      |      |      | 1    | 1.06 | 1.13 | 1.19 | 1.25 | 1.33 | 1.40 | 1.55 | 1.56 | 1.75  | 1.88  | 2.09  | 2.22  | 2.34  | 2.50  | 2.78  | 3.13  | 3.31  | 16   |
|      |      |      |      |      |      | 1    | 1.06 | 1.12 | 1.18 | 1.25 | 1.32 | 1.46 | 1.47 | 1.65  | 1.76  | 1.97  | 2.09  | 2.21  | 2.35  | 2.62  | 2.94  | 3.12  | 17   |
|      |      |      |      |      |      |      | 1    | 1.06 | 1.11 | 1.18 | 1.24 | 1.38 | 1.39 | 1.56  | 1.67  | 1.86  | 1.97  | 2.08  | 2.22  | 2.47  | 2.78  | 2.94  | 18   |
|      |      |      |      |      |      |      |      | 1    | 1.05 | 1.12 | 1.18 | 1.31 | 1.32 | 1.47  | 1.58  | 1.76  | 1.87  | 1.97  | 2.11  | 2.34  | 2.63  | 2.79  | 19   |
|      |      |      |      |      |      |      |      |      | 1    | 1.06 | 1.12 | 1.24 | 1.25 | 1.40  | 1.50  | 1.68  | 1.78  | 1.88  | 2     | 2.23  | 2.50  | 2.65  | 20   |
|      |      |      |      |      |      |      |      |      |      | 1    | 1.06 | 1.17 | 1.18 | 1.32  | 1.42  | 1.58  | 1.67  | 1.77  | 1.89  | 2.10  | 2.36  | 2.50  | 21.2 |
|      |      |      |      |      |      |      |      |      |      |      | 1    | 1.11 | 1.12 | 1.25  | 1.34  | 1.50  | 1.58  | 1.67  | 1.79  | 1.99  | 2.23  | 2.37  | 22.4 |
|      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.11 | 1.12  | 1.25  | 1.34  | 1.50  | 1.58  | 1.67  | 1.79  | 1.99  | 2.02  | 21.4 |
|      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1.12  | 1.20  | 1.34  | 1.42  | 1.50  | 1.60  | 1.78  | 2     | 2.12  | 25   |
|      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1     | 1.07  | 1.20  | 1.27  | 1.34  | 1.43  | 1.59  | 1.79  | 1.89  | 28   |
|      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 1     | 1.12  | 1.18  | 1.25  | 1.33  | 1.48  | 1.67  | 1.77  | 30   |
|      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       | 1     | 1.06  | 1.12  | 1.19  | 1.33  | 1.49  | 1.58  | 33.5 |
|      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       | 1     | 1.06  | 1.13  | 1.25  | 1.41  | 1.49  | 35.5 |
|      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       | 1     | 1.07  | 1.19  | 1.33  | 1.41  | 37.5 |
|      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 1     | 1.11  | 1.25  | 1.33  | 40   |
|      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       | 1     | 1.12  | 1.19  | 44.5 |
|      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       | 1     | 1.06  | 50   |
|      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       | 1     | 53   |

# Correction factors

Table 7

Arc of contact power correction factor  $C_3$

| $\frac{D-d}{CC} *$ | Arc of contact on small pulley | Arc of contact correction factor $C_3$ |
|--------------------|--------------------------------|--|
| mm                 | deg.                           | -                                      |
| 0,00               | 180                            | 1,00                                   |
| 0,05               | 177                            | 0,99                                   |
| 0,10               | 174                            | 0,99                                   |
| 0,15               | 171                            | 0,98                                   |
| 0,20               | 169                            | 0,97                                   |
| 0,25               | 166                            | 0,97                                   |
| 0,30               | 163                            | 0,96                                   |
| 0,35               | 160                            | 0,95                                   |
| 0,40               | 157                            | 0,94                                   |
| 0,45               | 154                            | 0,93                                   |
| 0,50               | 151                            | 0,93                                   |
| 0,55               | 148                            | 0,92                                   |
| 0,60               | 145                            | 0,91                                   |
| 0,65               | 142                            | 0,90                                   |
| 0,70               | 139                            | 0,89                                   |
| 0,75               | 136                            | 0,88                                   |
| 0,80               | 133                            | 0,87                                   |
| 0,85               | 130                            | 0,86                                   |
| 0,90               | 127                            | 0,85                                   |
| 0,95               | 123                            | 0,83                                   |
| 1,00               | 120                            | 0,82                                   |
| 1,05               | 117                            | 0,81                                   |
| 1,10               | 113                            | 0,80                                   |
| 1,15               | 100                            | 0,78                                   |
| 1,20               | 107                            | 0,77                                   |
| 1,25               | 104                            | 0,75                                   |
| 1,30               | 101                            | 0,73                                   |
| 1,35               | 97                             | 0,72                                   |
| 1,40               | 93                             | 0,70                                   |

\*D Large pulley diameter  
d Small pulley diameter  
CC Centre to centre distance

Table 8

Belt length correction factor  $C_1$

| Belt length | Correction factor |        |        |        |       |      |      |      |      |      |
|-------------|-------------------|--------|--------|--------|-------|------|------|------|------|------|
|             | SPZ               | SPA    | SPB    | SPC    | 8V    | Z    | A    | B    | C    | D    |
|             | SPZ-XP            | SPA-XP | SPB-XP | SPC-XP | 8V-XP | ZX   | AX   | BX   | CX   |      |
|             | XPZ               | XPA    | XPB    | XPC    |       |      |      |      |      |      |
|             | 3V                |        | 5V     |        |       |      |      |      |      |      |
|             | 3V-XP             |        | 5V-XP  |        |       |      |      |      |      |      |
|             | 3VX               |        | 5VX    |        |       |      |      |      |      |      |
| mm          | -                 |        |        |        |       |      |      |      |      |      |
| 400         | 0,50              |        |        |        |       | 0,87 | 0,68 |      |      |      |
| 475         | 0,65              |        |        |        |       | 0,90 | 0,74 | 0,64 |      |      |
| 530         | 0,74              |        |        |        |       | 0,93 | 0,78 | 0,70 |      |      |
| 630         | 0,82              | 0,77   |        |        |       | 0,96 | 0,81 | 0,76 |      |      |
| 710         | 0,84              | 0,79   |        |        |       | 0,99 | 0,83 | 0,78 |      |      |
| 900         | 0,88              | 0,83   | 0,76   |        |       | 1,05 | 0,87 | 0,82 | 0,73 |      |
| 1 000       | 0,90              | 0,85   | 0,78   |        |       | 1,06 | 0,89 | 0,84 | 0,76 |      |
| 1 120       | 0,93              | 0,87   | 0,80   |        |       | 1,08 | 0,91 | 0,86 | 0,78 |      |
| 1 250       | 0,95              | 0,89   | 0,82   |        |       | 1,11 | 0,93 | 0,88 | 0,80 |      |
| 1 400       | 0,96              | 0,91   | 0,84   | 0,70   |       | 1,14 | 0,96 | 0,90 | 0,82 |      |
| 1 600       | 1,00              | 0,93   | 0,86   | 0,74   |       | 1,17 | 0,99 | 0,93 | 0,84 |      |
| 1 800       | 1,01              | 0,95   | 0,88   | 0,77   |       | 1,22 | 1,01 | 0,95 | 0,86 |      |
| 2 000       | 1,02              | 0,96   | 0,90   | 0,80   | 0,78  | 1,25 | 1,03 | 0,98 | 0,88 | 0,78 |
| 2 240       | 1,05              | 0,98   | 0,92   | 0,83   | 0,80  | 1,28 | 1,06 | 1,00 | 0,91 | 0,80 |
| 2 500       | 1,07              | 1,00   | 0,94   | 0,86   | 0,80  | 1,29 | 1,09 | 1,03 | 0,93 | 0,82 |
| 2 800       | 1,09              | 1,02   | 0,96   | 0,88   | 0,82  | 1,29 | 1,11 | 1,05 | 0,95 | 0,84 |
| 3 150       | 1,11              | 1,04   | 0,98   | 0,90   | 0,84  |      | 1,13 | 1,07 | 0,97 | 0,86 |
| 3 550       | 1,13              | 1,06   | 1,00   | 0,92   | 0,86  |      | 1,15 | 1,09 | 0,99 | 0,88 |
| 4 000       | 1,13              | 1,08   | 1,02   | 0,94   | 0,89  |      | 1,17 | 1,13 | 1,02 | 0,91 |
| 4 500       | 1,13              | 1,09   | 1,04   | 0,96   | 0,91  |      | 1,17 | 1,15 | 1,04 | 0,93 |
| 5 000       |                   | 1,09   | 1,06   | 0,98   | 0,94  |      | 1,17 | 1,18 | 1,07 | 0,96 |
| 5 600       |                   | 1,09   | 1,08   | 1,00   | 0,96  |      | 1,17 | 1,20 | 1,09 | 0,98 |
| 6 300       |                   |        | 1,10   | 1,02   | 0,99  |      | 1,17 | 1,23 | 1,12 | 1,01 |
| 7 100       |                   |        | 1,12   | 1,04   | 1,02  |      |      | 1,23 | 1,15 | 1,04 |
| 8 000       |                   |        | 1,14   | 1,06   | 1,04  |      |      | 1,23 | 1,18 | 1,06 |
| 9 000       |                   |        | 1,14   | 1,08   | 1,07  |      |      | 1,23 | 1,21 | 1,09 |
| 10 000      |                   |        | 1,14   | 1,10   | 1,09  |      |      | 1,23 | 1,23 | 1,11 |
| 11 200      |                   |        |        | 1,12   | 1,12  |      |      |      | 1,23 | 1,14 |
| 12 500      |                   |        |        | 1,14   | 1,15  |      |      |      | 1,23 | 1,17 |



# Power ratings

## Section Z

Table 9a

1

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |      |      |      |      |      |      |      |      |      |      |      | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|------|------|------|------|------|------|------|------|------|------|------|---|--------------|--------------|--------|
|                    | 67  | 71   | 75   | 80   | 85   | 90   | 95   | 100  | 112  | 125  | 132  | 140  | 1,00 to 1,05                              | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |      |      |      |      |      |      |      |      |      |      |      | kW  |              |              |        |
| 100                | 0,08  | 0,09 | 0,10 | 0,10 | 0,11 | 0,12 | 0,13 | 0,14 | 0,16 | 0,18 | 0,19 | 0,20 | -   | -            | 0,01         | 0,01   |
| 500                | 0,31  | 0,34 | 0,37 | 0,40 | 0,44 | 0,47 | 0,51 | 0,54 | 0,62 | 0,70 | 0,75 | 0,80 | -   | 0,01         | 0,03         | 0,04   |
| 720                | 0,42  | 0,46 | 0,50 | 0,55 | 0,59 | 0,64 | 0,68 | 0,73 | 0,84 | 0,95 | 1,02 | 1,09 | -   | 0,02         | 0,04         | 0,05   |
| 800                | 0,46  | 0,50 | 0,54 | 0,59 | 0,64 | 0,70 | 0,75 | 0,80 | 0,92 | 1,04 | 1,11 | 1,19 | -   | 0,02         | 0,04         | 0,06   |
| 900                | 0,50  | 0,55 | 0,59 | 0,65 | 0,71 | 0,77 | 0,82 | 0,88 | 1,01 | 1,15 | 1,22 | 1,31 | -   | 0,02         | 0,05         | 0,07   |
| 960                | 0,53  | 0,58 | 0,63 | 0,69 | 0,75 | 0,81 | 0,87 | 0,92 | 1,06 | 1,21 | 1,29 | 1,38 | 0,01                                      | 0,03         | 0,05         | 0,07   |
| 1000               | 0,55  | 0,60 | 0,65 | 0,71 | 0,77 | 0,83 | 0,89 | 0,95 | 1,10 | 1,25 | 1,33 | 1,42 | 0,01                                      | 0,03         | 0,05         | 0,08   |
| 1100               | 0,59  | 0,64 | 0,70 | 0,76 | 0,83 | 0,90 | 0,97 | 1,03 | 1,19 | 1,35 | 1,44 | 1,54 | 0,01                                      | 0,03         | 0,06         | 0,08   |
| 1200               | 0,63  | 0,69 | 0,75 | 0,82 | 0,89 | 0,96 | 1,04 | 1,11 | 1,27 | 1,45 | 1,55 | 1,65 | 0,01                                      | 0,03         | 0,06         | 0,09   |
| 1300               | 0,67  | 0,73 | 0,79 | 0,87 | 0,95 | 1,03 | 1,10 | 1,18 | 1,36 | 1,55 | 1,65 | 1,76 | 0,01                                      | 0,03         | 0,07         | 0,10   |
| 1400               | 0,71  | 0,77 | 0,84 | 0,92 | 1,01 | 1,09 | 1,17 | 1,25 | 1,44 | 1,64 | 1,75 | 1,87 | 0,01                                      | 0,04         | 0,07         | 0,11   |
| 1440               | 0,72  | 0,79 | 0,86 | 0,94 | 1,03 | 1,11 | 1,20 | 1,28 | 1,47 | 1,68 | 1,79 | 1,92 | 0,01                                      | 0,04         | 0,08         | 0,11   |
| 1500               | 0,74  | 0,82 | 0,89 | 0,97 | 1,06 | 1,15 | 1,24 | 1,32 | 1,52 | 1,74 | 1,85 | 1,98 | 0,01                                      | 0,04         | 0,08         | 0,11   |
| 1600               | 0,78  | 0,86 | 0,93 | 1,02 | 1,12 | 1,21 | 1,30 | 1,39 | 1,60 | 1,83 | 1,95 | 2,08 | 0,01                                      | 0,04         | 0,08         | 0,12   |
| 1700               | 0,82  | 0,90 | 0,98 | 1,07 | 1,17 | 1,27 | 1,36 | 1,46 | 1,68 | 1,92 | 2,04 | 2,19 | 0,01                                      | 0,05         | 0,09         | 0,13   |
| 1800               | 0,85  | 0,94 | 1,02 | 1,12 | 1,22 | 1,32 | 1,42 | 1,52 | 1,76 | 2,01 | 2,14 | 2,29 | 0,01                                      | 0,05         | 0,10         | 0,14   |
| 1900               | 0,89  | 0,97 | 1,06 | 1,17 | 1,28 | 1,38 | 1,49 | 1,59 | 1,83 | 2,09 | 2,23 | 2,39 | 0,01                                      | 0,05         | 0,10         | 0,14   |
| 2000               | 0,92  | 1,01 | 1,10 | 1,21 | 1,33 | 1,44 | 1,55 | 1,65 | 1,91 | 2,18 | 2,32 | 2,48 | 0,01                                      | 0,05         | 0,11         | 0,15   |
| 2100               | 0,95  | 1,05 | 1,14 | 1,26 | 1,38 | 1,49 | 1,60 | 1,72 | 1,98 | 2,26 | 2,41 | 2,58 | 0,01                                      | 0,06         | 0,11         | 0,16   |
| 2200               | 0,99  | 1,08 | 1,18 | 1,30 | 1,43 | 1,54 | 1,66 | 1,78 | 2,05 | 2,34 | 2,50 | 2,67 | 0,01                                      | 0,06         | 0,12         | 0,17   |
| 2300               | 1,02  | 1,12 | 1,22 | 1,35 | 1,47 | 1,60 | 1,72 | 1,84 | 2,12 | 2,43 | 2,59 | 2,77 | 0,01                                      | 0,06         | 0,12         | 0,17   |
| 2400               | 1,05  | 1,16 | 1,26 | 1,39 | 1,52 | 1,65 | 1,78 | 1,90 | 2,19 | 2,51 | 2,67 | 2,86 | 0,01                                      | 0,06         | 0,13         | 0,18   |
| 2500               | 1,08  | 1,19 | 1,30 | 1,43 | 1,57 | 1,70 | 1,83 | 1,96 | 2,26 | 2,59 | 2,75 | 2,95 | 0,01                                      | 0,07         | 0,13         | 0,19   |
| 2600               | 1,11  | 1,22 | 1,34 | 1,48 | 1,61 | 1,75 | 1,88 | 2,02 | 2,33 | 2,66 | 2,84 | 3,03 | 0,01                                      | 0,07         | 0,14         | 0,20   |
| 2700               | 1,14  | 1,26 | 1,37 | 1,52 | 1,66 | 1,80 | 1,94 | 2,08 | 2,40 | 2,74 | 2,92 | 3,12 | 0,01                                      | 0,07         | 0,14         | 0,20   |
| 2800               | 1,17  | 1,29 | 1,41 | 1,56 | 1,70 | 1,85 | 1,99 | 2,13 | 2,46 | 2,81 | 3,00 | 3,21 | 0,02                                      | 0,07         | 0,15         | 0,21   |
| 2880               | 1,19  | 1,32 | 1,44 | 1,59 | 1,74 | 1,89 | 2,03 | 2,18 | 2,52 | 2,87 | 3,06 | 3,27 | 0,02                                      | 0,08         | 0,15         | 0,22   |
| 2900               | 1,20  | 1,32 | 1,45 | 1,60 | 1,75 | 1,90 | 2,04 | 2,19 | 2,53 | 2,89 | 3,08 | 3,29 | 0,02                                      | 0,08         | 0,15         | 0,22   |
| 3000               | 1,23  | 1,35 | 1,48 | 1,64 | 1,79 | 1,94 | 2,09 | 2,24 | 2,59 | 2,96 | 3,15 | 3,37 | 0,02                                      | 0,08         | 0,16         | 0,23   |
| 3100               | 1,25  | 1,39 | 1,52 | 1,68 | 1,83 | 1,99 | 2,15 | 2,30 | 2,66 | 3,03 | 3,23 | 3,45 | 0,02                                      | 0,08         | 0,16         | 0,24   |
| 3200               | 1,28  | 1,42 | 1,55 | 1,71 | 1,88 | 2,04 | 2,20 | 2,35 | 2,72 | 3,10 | 3,31 | 3,53 | 0,02                                      | 0,09         | 0,17         | 0,24   |
| 3300               | 1,31  | 1,45 | 1,58 | 1,75 | 1,92 | 2,08 | 2,24 | 2,40 | 2,78 | 3,17 | 3,38 | 3,61 | 0,02                                      | 0,09         | 0,18         | 0,25   |
| 3400               | 1,34  | 1,48 | 1,62 | 1,79 | 1,96 | 2,13 | 2,29 | 2,46 | 2,84 | 3,24 | 3,45 | 3,69 | 0,02                                      | 0,09         | 0,18         | 0,26   |
| 3500               | 1,36  | 1,51 | 1,65 | 1,83 | 2,00 | 2,17 | 2,34 | 2,51 | 2,90 | 3,31 | 3,52 | 3,76 | 0,02                                      | 0,09         | 0,19         | 0,27   |
| 3600               | 1,39  | 1,54 | 1,68 | 1,86 | 2,04 | 2,21 | 2,39 | 2,56 | 2,96 | 3,37 | 3,59 | 3,84 | 0,02                                      | 0,10         | 0,19         | 0,27   |
| 3700               | 1,41  | 1,56 | 1,71 | 1,90 | 2,08 | 2,26 | 2,43 | 2,61 | 3,01 | 3,44 | 3,66 | 3,91 | 0,02                                      | 0,10         | 0,20         | 0,28   |
| 3800               | 1,44  | 1,59 | 1,74 | 1,93 | 2,12 | 2,30 | 2,48 | 2,66 | 3,07 | 3,50 | 3,73 | 3,98 | 0,02                                      | 0,10         | 0,20         | 0,29   |
| 3900               | 1,46  | 1,62 | 1,77 | 1,97 | 2,16 | 2,34 | 2,52 | 2,70 | 3,13 | 3,57 | 3,79 | 4,05 | 0,02                                      | 0,10         | 0,21         | 0,30   |
| 4000               | 1,49  | 1,65 | 1,81 | 2,00 | 2,19 | 2,38 | 2,57 | 2,75 | 3,18 | 3,63 | 3,86 | 4,12 | 0,02                                      | 0,11         | 0,21         | 0,30   |
| 4200               | 1,53  | 1,70 | 1,86 | 2,07 | 2,27 | 2,46 | 2,65 | 2,84 | 3,29 | 3,75 | 3,99 | 4,25 | 0,02                                      | 0,11         | 0,22         | 0,32   |
| 4400               | 1,58  | 1,75 | 1,92 | 2,13 | 2,34 | 2,54 | 2,74 | 2,93 | 3,39 | 3,86 | 4,11 | 4,38 | 0,02                                      | 0,12         | 0,23         | 0,33   |
| 4600               | 1,62  | 1,80 | 1,98 | 2,19 | 2,41 | 2,61 | 2,82 | 3,02 | 3,49 | 3,97 | 4,22 | 4,50 | 0,02                                      | 0,12         | 0,24         | 0,35   |
| 4800               | 1,67  | 1,85 | 2,03 | 2,25 | 2,47 | 2,69 | 2,90 | 3,11 | 3,59 | 4,08 | 4,34 | 4,62 | 0,03                                      | 0,13         | 0,25         | 0,36   |
| 5000               | 1,71  | 1,90 | 2,08 | 2,31 | 2,54 | 2,76 | 2,97 | 3,19 | 3,68 | 4,18 | 4,44 | 4,73 | 0,03                                      | 0,13         | 0,27         | 0,38   |
| 5200               | 1,75  | 1,94 | 2,13 | 2,37 | 2,60 | 2,83 | 3,05 | 3,27 | 3,77 | 4,28 | 4,54 | 4,83 | 0,03                                      | 0,14         | 0,28         | 0,39   |
| 5400               | 1,78  | 1,98 | 2,18 | 2,42 | 2,66 | 2,89 | 3,12 | 3,34 | 3,85 | 4,37 | 4,64 | 4,93 | 0,03                                      | 0,14         | 0,29         | 0,41   |
| 5600               | 1,82  | 2,03 | 2,23 | 2,48 | 2,72 | 2,96 | 3,19 | 3,41 | 3,93 | 4,46 | 4,73 | 5,02 | 0,03                                      | 0,15         | 0,30         | 0,42   |
| 5800               | 1,86  | 2,07 | 2,27 | 2,53 | 2,78 | 3,02 | 3,25 | 3,48 | 4,01 | 4,55 | 4,82 | 5,11 | 0,03                                      | 0,15         | 0,31         | 0,44   |
| 6000               | 1,89  | 2,11 | 2,32 | 2,58 | 2,83 | 3,08 | 3,32 | 3,55 | 4,09 | 4,63 | 4,90 | -    | 0,03                                      | 0,16         | 0,32         | 0,46   |
| 6200               | 1,92  | 2,14 | 2,36 | 2,63 | 2,88 | 3,13 | 3,38 | 3,62 | 4,16 | 4,70 | -    | -    | 0,03                                      | 0,17         | 0,33         | 0,47   |
| 6400               | 1,96  | 2,18 | 2,40 | 2,67 | 2,93 | 3,19 | 3,44 | 3,68 | 4,23 | 4,77 | -    | -    | 0,03                                      | 0,17         | 0,34         | 0,49   |
| 6600               | 1,99  | 2,22 | 2,44 | 2,71 | 2,98 | 3,24 | 3,49 | 3,74 | 4,29 | -    | -    | -    | 0,04                                      | 0,18         | 0,35         | 0,50   |
| 6800               | 2,02  | 2,25 | 2,48 | 2,76 | 3,03 | 3,29 | 3,54 | 3,79 | 4,35 | -    | -    | -    | 0,04                                      | 0,18         | 0,36         | 0,52   |
| 7000               | 2,04  | 2,28 | 2,51 | 2,80 | 3,07 | 3,34 | 3,60 | 3,84 | 4,40 | -    | -    | -    | 0,04                                      | 0,19         | 0,37         | 0,53   |
| 7200               | 2,07  | 2,31 | 2,55 | 2,84 | 3,11 | 3,38 | 3,64 | 3,89 | 4,46 | -    | -    | -    | 0,04                                      | 0,19         | 0,38         | 0,55   |
| 7400               | 2,10  | 2,34 | 2,58 | 2,87 | 3,15 | 3,43 | 3,69 | 3,94 | -    | -    | -    | -    | 0,04                                      | 0,20         | 0,39         | 0,56   |
| 7600               | 2,12  | 2,37 | 2,61 | 2,91 | 3,19 | 3,47 | 3,73 | 3,98 | -    | -    | -    | -    | 0,04                                      | 0,20         | 0,40         | 0,58   |
| 7800               | 2,14  | 2,40 | 2,64 | 2,94 | 3,23 | 3,50 | 3,77 | 4,03 | -    | -    | -    | -    | 0,04                                      | 0,21         | 0,41         | 0,59   |
| 8000               | 2,16  | 2,42 | 2,67 | 2,97 | 3,26 | 3,54 | 3,81 | 4,06 | -    | -    | -    | -    | 0,04                                      | 0,21         | 0,42         | 0,61   |
| 8200               | 2,18  | 2,44 | 2,70 | 3,00 | 3,29 | 3,57 | 3,84 | -    | -    | -    | -    | -    | 0,04                                      | 0,22         | 0,44         | 0,62   |
| 8400               | 2,20  | 2,47 | 2,72 | 3,03 | 3,32 | 3,60 | 3,87 | -    | -    | -    | -    | -    | 0,05                                      | 0,22         | 0,45         | 0,64   |
| 8600               | 2,22  | 2,49 | 2,74 | 3,05 | 3,35 | 3,63 | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,23         | 0,46         | 0,65   |
| 8800               | 2,24  | 2,51 | 2,76 | 3,08 | 3,37 | 3,66 | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,23         | 0,47         | 0,67   |
| 9000               | 2,25  | 2,52 | 2,78 | 3,10 | 3,40 | 3,68 | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,24         | 0,48         | 0,68   |
| 9200               | 2,27  | 2,54 | 2,80 | 3,12 | 3,42 | -    | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,25         | 0,49         | 0,70   |
| 9400               | 2,28  | 2,55 | 2,82 | 3,14 | 3,44 | -    | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,25         | 0,50         | 0,71   |
| 9600               | 2,29  | 2,57 | 2,83 | 3,15 | -    | -    | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,26         | 0,51         | 0,73   |
| 9800               | 2,30  | 2,58 | 2,85 | 3,17 | -    | -    | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,26         | 0,52         | 0,74   |
| 10000              | 2,31  | 2,59 | 2,86 | 3,18 | -    | -    | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,27         | 0,53         | 0,76   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings

## Section A

Table 9b

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |      |      |      |      |      |      |      |      |      |      | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|------|------|------|------|------|------|------|------|------|------|---|--------------|--------------|--------|
|                    | 80  | 85   | 90   | 95   | 100  | 106  | 112  | 118  | 125  | 132  | 140  | 1.00 to 1.05                              | 1.06 to 1.24 | 1.25 to 1.59 | > 1.59 |
| r/min              | kW  |      |      |      |      |      |      |      |      |      |      | kW  |              |              |        |
| 100                | 0,19  | 0,21 | 0,23 | 0,25 | 0,27 | 0,29 | 0,32 | 0,34 | 0,37 | 0,40 | 0,43 | 0,00                                      | 0,01         | 0,02         | 0,02   |
| 200                | 0,33  | 0,37 | 0,41 | 0,45 | 0,49 | 0,53 | 0,58 | 0,62 | 0,67 | 0,73 | 0,78 | 0,00                                      | 0,02         | 0,04         | 0,05   |
| 300                | 0,47  | 0,52 | 0,58 | 0,63 | 0,69 | 0,75 | 0,82 | 0,88 | 0,96 | 1,03 | 1,11 | 0,01                                      | 0,03         | 0,05         | 0,07   |
| 400                | 0,59  | 0,66 | 0,73 | 0,80 | 0,87 | 0,96 | 1,04 | 1,12 | 1,22 | 1,32 | 1,43 | 0,01                                      | 0,04         | 0,07         | 0,09   |
| 500                | 0,70  | 0,79 | 0,88 | 0,96 | 1,05 | 1,15 | 1,26 | 1,36 | 1,48 | 1,59 | 1,73 | 0,01                                      | 0,05         | 0,09         | 0,11   |
| 600                | 0,81  | 0,91 | 1,02 | 1,12 | 1,22 | 1,34 | 1,46 | 1,58 | 1,72 | 1,86 | 2,02 | 0,01                                      | 0,06         | 0,11         | 0,14   |
| 700                | 0,91  | 1,03 | 1,15 | 1,27 | 1,38 | 1,52 | 1,66 | 1,80 | 1,96 | 2,11 | 2,29 | 0,02                                      | 0,07         | 0,13         | 0,16   |
| 720                | 0,93  | 1,05 | 1,17 | 1,29 | 1,41 | 1,56 | 1,70 | 1,84 | 2,00 | 2,16 | 2,35 | 0,02                                      | 0,08         | 0,13         | 0,16   |
| 800                | 1,01  | 1,14 | 1,28 | 1,41 | 1,54 | 1,70 | 1,85 | 2,01 | 2,18 | 2,36 | 2,56 | 0,02                                      | 0,08         | 0,15         | 0,18   |
| 900                | 1,10  | 1,25 | 1,40 | 1,54 | 1,69 | 1,86 | 2,04 | 2,21 | 2,41 | 2,60 | 2,82 | 0,02                                      | 0,09         | 0,16         | 0,20   |
| 960                | 1,16  | 1,31 | 1,47 | 1,63 | 1,78 | 1,96 | 2,14 | 2,33 | 2,53 | 2,74 | 2,98 | 0,02                                      | 0,10         | 0,18         | 0,22   |
| 1 000              | 1,19  | 1,36 | 1,52 | 1,68 | 1,84 | 2,03 | 2,22 | 2,40 | 2,62 | 2,83 | 3,08 | 0,02                                      | 0,10         | 0,18         | 0,23   |
| 1 100              | 1,28  | 1,46 | 1,63 | 1,81 | 1,98 | 2,19 | 2,39 | 2,59 | 2,83 | 3,06 | 3,32 | 0,03                                      | 0,11         | 0,20         | 0,25   |
| 1 200              | 1,36  | 1,55 | 1,74 | 1,93 | 2,12 | 2,34 | 2,56 | 2,78 | 3,03 | 3,28 | 3,56 | 0,03                                      | 0,13         | 0,22         | 0,27   |
| 1 300              | 1,44  | 1,65 | 1,85 | 2,05 | 2,25 | 2,49 | 2,72 | 2,96 | 3,23 | 3,49 | 3,80 | 0,03                                      | 0,14         | 0,24         | 0,29   |
| 1 400              | 1,52  | 1,74 | 1,95 | 2,17 | 2,38 | 2,63 | 2,88 | 3,13 | 3,42 | 3,70 | 4,02 | 0,03                                      | 0,15         | 0,26         | 0,32   |
| 1 440              | 1,55  | 1,77 | 1,99 | 2,21 | 2,43 | 2,69 | 2,95 | 3,20 | 3,49 | 3,78 | 4,11 | 0,03                                      | 0,15         | 0,26         | 0,33   |
| 1 500              | 1,59  | 1,83 | 2,05 | 2,28 | 2,51 | 2,77 | 3,04 | 3,30 | 3,60 | 3,90 | 4,24 | 0,03                                      | 0,16         | 0,27         | 0,34   |
| 1 600              | 1,67  | 1,91 | 2,15 | 2,39 | 2,63 | 2,91 | 3,19 | 3,46 | 3,78 | 4,09 | 4,45 | 0,04                                      | 0,17         | 0,29         | 0,36   |
| 1 700              | 1,74  | 1,99 | 2,25 | 2,50 | 2,75 | 3,04 | 3,33 | 3,62 | 3,95 | 4,28 | 4,65 | 0,04                                      | 0,18         | 0,31         | 0,39   |
| 1 800              | 1,80  | 2,07 | 2,34 | 2,60 | 2,86 | 3,17 | 3,47 | 3,78 | 4,12 | 4,46 | 4,85 | 0,04                                      | 0,19         | 0,33         | 0,41   |
| 1 900              | 1,87  | 2,15 | 2,42 | 2,70 | 2,97 | 3,29 | 3,61 | 3,92 | 4,29 | 4,64 | 5,04 | 0,04                                      | 0,20         | 0,35         | 0,43   |
| 2 000              | 1,93  | 2,22 | 2,51 | 2,80 | 3,08 | 3,41 | 3,74 | 4,07 | 4,44 | 4,81 | 5,22 | 0,05                                      | 0,21         | 0,37         | 0,45   |
| 2 100              | 1,99  | 2,29 | 2,59 | 2,89 | 3,18 | 3,53 | 3,87 | 4,21 | 4,59 | 4,97 | 5,39 | 0,05                                      | 0,22         | 0,38         | 0,48   |
| 2 200              | 2,04  | 2,36 | 2,67 | 2,98 | 3,28 | 3,64 | 3,99 | 4,34 | 4,74 | 5,13 | 5,56 | 0,05                                      | 0,23         | 0,40         | 0,50   |
| 2 300              | 2,10  | 2,42 | 2,75 | 3,06 | 3,38 | 3,75 | 4,11 | 4,47 | 4,88 | 5,28 | 5,72 | 0,05                                      | 0,24         | 0,42         | 0,52   |
| 2 400              | 2,15  | 2,49 | 2,82 | 3,15 | 3,47 | 3,85 | 4,22 | 4,59 | 5,01 | 5,42 | 5,87 | 0,05                                      | 0,25         | 0,44         | 0,54   |
| 2 500              | 2,20  | 2,55 | 2,89 | 3,22 | 3,56 | 3,95 | 4,33 | 4,71 | 5,14 | 5,55 | 6,02 | 0,06                                      | 0,26         | 0,46         | 0,57   |
| 2 600              | 2,24  | 2,60 | 2,95 | 3,30 | 3,64 | 4,04 | 4,44 | 4,82 | 5,26 | 5,68 | 6,15 | 0,06                                      | 0,27         | 0,48         | 0,59   |
| 2 700              | 2,29  | 2,66 | 3,02 | 3,37 | 3,72 | 4,13 | 4,53 | 4,93 | 5,37 | 5,80 | 6,28 | 0,06                                      | 0,28         | 0,49         | 0,61   |
| 2 800              | 2,33  | 2,71 | 3,08 | 3,44 | 3,80 | 4,22 | 4,63 | 5,03 | 5,48 | 5,92 | 6,40 | 0,06                                      | 0,29         | 0,51         | 0,63   |
| 2 880              | 2,36  | 2,75 | 3,12 | 3,49 | 3,86 | 4,28 | 4,70 | 5,10 | 5,56 | 6,00 | 6,49 | 0,07                                      | 0,30         | 0,53         | 0,65   |
| 2 900              | 2,37  | 2,76 | 3,14 | 3,51 | 3,87 | 4,30 | 4,72 | 5,12 | 5,58 | 6,02 | 6,51 | 0,07                                      | 0,30         | 0,53         | 0,66   |
| 3 000              | 2,41  | 2,80 | 3,19 | 3,57 | 3,94 | 4,38 | 4,80 | 5,21 | 5,67 | 6,12 | 6,61 | 0,07                                      | 0,31         | 0,55         | 0,68   |
| 3 100              | 2,44  | 2,85 | 3,24 | 3,63 | 4,01 | 4,45 | 4,88 | 5,29 | 5,76 | 6,21 | 6,70 | 0,07                                      | 0,32         | 0,57         | 0,70   |
| 3 200              | 2,47  | 2,89 | 3,29 | 3,68 | 4,07 | 4,51 | 4,95 | 5,37 | 5,84 | 6,29 | 6,78 | 0,07                                      | 0,33         | 0,59         | 0,72   |
| 3 300              | 2,50  | 2,92 | 3,33 | 3,73 | 4,12 | 4,58 | 5,02 | 5,44 | 5,92 | 6,37 | 6,86 | 0,08                                      | 0,34         | 0,60         | 0,75   |
| 3 400              | 2,53  | 2,96 | 3,37 | 3,78 | 4,18 | 4,64 | 5,08 | 5,51 | 5,98 | 6,43 | 6,92 | 0,08                                      | 0,36         | 0,62         | 0,77   |
| 3 500              | 2,55  | 2,99 | 3,41 | 3,82 | 4,22 | 4,69 | 5,14 | 5,56 | 6,04 | 6,49 | 6,98 | 0,08                                      | 0,37         | 0,64         | 0,79   |
| 3 600              | 2,58  | 3,02 | 3,45 | 3,86 | 4,27 | 4,74 | 5,19 | 5,62 | 6,09 | 6,54 | 7,02 | 0,08                                      | 0,38         | 0,66         | 0,82   |
| 3 700              | 2,60  | 3,04 | 3,48 | 3,90 | 4,31 | 4,78 | 5,23 | 5,66 | 6,14 | 6,58 | 7,05 | 0,08                                      | 0,39         | 0,68         | 0,84   |
| 3 800              | 2,61  | 3,06 | 3,50 | 3,93 | 4,34 | 4,82 | 5,27 | 5,70 | 6,17 | 6,61 | 7,08 | 0,09                                      | 0,40         | 0,70         | 0,86   |
| 3 900              | 2,63  | 3,08 | 3,53 | 3,96 | 4,37 | 4,85 | 5,30 | 5,73 | 6,20 | 6,64 | 7,09 | 0,09                                      | 0,41         | 0,71         | 0,88   |
| 4 000              | 2,64  | 3,10 | 3,55 | 3,98 | 4,40 | 4,88 | 5,33 | 5,76 | 6,22 | 6,65 | 7,09 | 0,09                                      | 0,42         | 0,73         | 0,91   |
| 4 100              | 2,64  | 3,11 | 3,57 | 4,00 | 4,42 | 4,90 | 5,35 | 5,77 | 6,23 | 6,65 | –    | 0,09                                      | 0,43         | 0,75         | 0,93   |
| 4 200              | 2,65  | 3,12 | 3,58 | 4,02 | 4,43 | 4,91 | 5,36 | 5,78 | 6,24 | –    | –    | 0,10                                      | 0,44         | 0,77         | 0,95   |
| 4 300              | 2,65  | 3,13 | 3,59 | 4,03 | 4,45 | 4,92 | 5,37 | 5,79 | –    | –    | –    | 0,10                                      | 0,45         | 0,79         | 0,97   |
| 4 400              | –   | 3,13 | 3,59 | 4,03 | 4,45 | 4,93 | 5,37 | –    | –    | –    | –    | 0,10                                      | 0,46         | 0,81         | 1,00   |
| 4 500              | –   | –    | 3,59 | 4,04 | 4,45 | –    | –    | –    | –    | –    | –    | 0,10                                      | 0,47         | 0,82         | 1,02   |

# Power ratings

## Section B

Table 9c

1

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |      |      |      |      |      |       |       |       | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|------|------|------|------|------|-------|-------|-------|---|--------------|--------------|--------|
|                    | 125   | 132  | 140  | 150  | 160  | 170  | 180   | 190   | 200   | 1.00 to 1.05                              | 1.06 to 1.24 | 1.25 to 1.59 | > 1.59 |
| r/min              | kW  |      |      |      |      |      |       |       |       | kW  |              |              |        |
| 100                | 0,47  | 0,51 | 0,56 | 0,63 | 0,69 | 0,75 | 0,81  | 0,87  | 0,93  | 0,01                                      | 0,02         | 0,04         | 0,05   |
| 200                | 0,84  | 0,92 | 1,02 | 1,14 | 1,25 | 1,37 | 1,48  | 1,60  | 1,71  | 0,01                                      | 0,05         | 0,08         | 0,11   |
| 300                | 1,18  | 1,30 | 1,43 | 1,60 | 1,77 | 1,93 | 2,10  | 2,26  | 2,43  | 0,02                                      | 0,07         | 0,13         | 0,16   |
| 400                | 1,49  | 1,64 | 1,82 | 2,03 | 2,25 | 2,47 | 2,68  | 2,89  | 3,10  | 0,02                                      | 0,09         | 0,17         | 0,21   |
| 500                | 1,78  | 1,97 | 2,18 | 2,45 | 2,71 | 2,97 | 3,23  | 3,49  | 3,75  | 0,03                                      | 0,12         | 0,21         | 0,26   |
| 600                | 2,05  | 2,27 | 2,52 | 2,84 | 3,15 | 3,45 | 3,76  | 4,06  | 4,36  | 0,03                                      | 0,14         | 0,25         | 0,32   |
| 700                | 2,31  | 2,57 | 2,85 | 3,21 | 3,57 | 3,92 | 4,26  | 4,61  | 4,95  | 0,04                                      | 0,17         | 0,29         | 0,37   |
| 720                | 2,36  | 2,62 | 2,92 | 3,28 | 3,65 | 4,01 | 4,36  | 4,72  | 5,07  | 0,04                                      | 0,17         | 0,30         | 0,38   |
| 800                | 2,56  | 2,85 | 3,17 | 3,57 | 3,97 | 4,36 | 4,75  | 5,13  | 5,52  | 0,04                                      | 0,19         | 0,34         | 0,42   |
| 900                | 2,80  | 3,12 | 3,47 | 3,91 | 4,35 | 4,79 | 5,22  | 5,64  | 6,06  | 0,05                                      | 0,21         | 0,38         | 0,47   |
| 960                | 2,94  | 3,27 | 3,65 | 4,11 | 4,58 | 5,03 | 5,49  | 5,93  | 6,37  | 0,05                                      | 0,23         | 0,40         | 0,50   |
| 1 000              | 3,03  | 3,37 | 3,76 | 4,25 | 4,72 | 5,20 | 5,66  | 6,12  | 6,58  | 0,05                                      | 0,24         | 0,42         | 0,53   |
| 1 100              | 3,24  | 3,62 | 4,04 | 4,56 | 5,08 | 5,59 | 6,09  | 6,59  | 7,08  | 0,06                                      | 0,26         | 0,46         | 0,58   |
| 1 200              | 3,45  | 3,85 | 4,31 | 4,87 | 5,42 | 5,96 | 6,50  | 7,03  | 7,55  | 0,06                                      | 0,28         | 0,50         | 0,63   |
| 1 300              | 3,65  | 4,08 | 4,56 | 5,16 | 5,74 | 6,32 | 6,89  | 7,45  | 8,00  | 0,07                                      | 0,31         | 0,55         | 0,68   |
| 1 400              | 3,84  | 4,29 | 4,80 | 5,43 | 6,05 | 6,66 | 7,26  | 7,85  | 8,43  | 0,07                                      | 0,33         | 0,59         | 0,74   |
| 1 440              | 3,91  | 4,37 | 4,90 | 5,54 | 6,17 | 6,80 | 7,41  | 8,01  | 8,59  | 0,07                                      | 0,34         | 0,60         | 0,76   |
| 1 500              | 4,02  | 4,49 | 5,03 | 5,70 | 6,35 | 6,99 | 7,62  | 8,23  | 8,83  | 0,08                                      | 0,36         | 0,63         | 0,79   |
| 1 600              | 4,19  | 4,69 | 5,25 | 5,95 | 6,63 | 7,30 | 7,95  | 8,59  | 9,21  | 0,08                                      | 0,38         | 0,67         | 0,84   |
| 1 700              | 4,35  | 4,87 | 5,46 | 6,19 | 6,90 | 7,59 | 8,26  | 8,92  | 9,56  | 0,09                                      | 0,40         | 0,71         | 0,89   |
| 1 800              | 4,50  | 5,04 | 5,66 | 6,41 | 7,14 | 7,86 | 8,56  | 9,23  | 9,89  | 0,09                                      | 0,43         | 0,76         | 0,95   |
| 1 900              | 4,64  | 5,21 | 5,84 | 6,62 | 7,38 | 8,11 | 8,83  | 9,52  | 10,19 | 0,10                                      | 0,45         | 0,80         | 1,00   |
| 2 000              | 4,77  | 5,36 | 6,02 | 6,82 | 7,59 | 8,35 | 9,08  | 9,78  | 10,46 | 0,10                                      | 0,47         | 0,84         | 1,05   |
| 2 100              | 4,89  | 5,50 | 6,18 | 7,00 | 7,80 | 8,56 | 9,31  | 10,02 | 10,70 | 0,11                                      | 0,50         | 0,88         | 1,10   |
| 2 200              | 5,01  | 5,63 | 6,32 | 7,17 | 7,98 | 8,76 | 9,51  | 10,23 | 10,92 | 0,11                                      | 0,52         | 0,92         | 1,16   |
| 2 300              | 5,11  | 5,75 | 6,46 | 7,32 | 8,14 | 8,94 | 9,69  | 10,42 | 11,10 | 0,12                                      | 0,54         | 0,97         | 1,21   |
| 2 400              | 5,20  | 5,86 | 6,58 | 7,45 | 8,29 | 9,09 | 9,85  | 10,57 | 11,25 | 0,12                                      | 0,57         | 1,01         | 1,26   |
| 2 500              | 5,29  | 5,95 | 6,69 | 7,57 | 8,42 | 9,22 | 9,98  | 10,70 | 11,37 | 0,13                                      | 0,59         | 1,05         | 1,31   |
| 2 600              | 5,36  | 6,03 | 6,78 | 7,68 | 8,53 | 9,34 | 10,09 | 10,80 | 11,45 | 0,13                                      | 0,62         | 1,09         | 1,37   |
| 2 700              | 5,42  | 6,11 | 6,86 | 7,77 | 8,62 | 9,42 | 10,17 | 10,87 | 11,50 | 0,14                                      | 0,64         | 1,13         | 1,42   |
| 2 800              | 5,47  | 6,17 | 6,93 | 7,84 | 8,69 | 9,49 | 10,23 | 10,90 | 11,51 | 0,14                                      | 0,66         | 1,18         | 1,47   |
| 2 880              | 5,50  | 6,20 | 6,97 | 7,88 | 8,73 | 9,52 | 10,25 | 10,91 | –     | 0,15                                      | 0,68         | 1,21         | 1,51   |
| 2 900              | 5,51  | 6,21 | 6,98 | 7,89 | 8,74 | 9,53 | 10,25 | –     | –     | 0,15                                      | 0,69         | 1,22         | 1,53   |
| 3 000              | 5,54  | 6,25 | 7,02 | 7,93 | 8,77 | 9,55 | –     | –     | –     | 0,15                                      | 0,71         | 1,26         | 1,58   |
| 3 100              | 5,56  | 6,27 | 7,04 | 7,95 | 8,78 | –    | –     | –     | –     | 0,16                                      | 0,73         | 1,30         | 1,63   |
| 3 200              | 5,56  | 6,27 | 7,05 | –    | –    | –    | –     | –     | –     | 0,16                                      | 0,76         | 1,34         | 1,68   |

# Power ratings

## Section C

Table 9d

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |       |       |       |       |       |       |       |       |       |       | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|--------------|--------------|--------|
|                    | 224   | 236   | 250   | 265   | 280   | 300   | 315   | 335   | 355   | 375   | 400   | 1,00 to 1,05                              | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |       |       |       |       |       |       |       |       |       |       | kW  |              |              |        |
| 100                | 1,51  | 1,63  | 1,77  | 1,92  | 2,06  | 2,26  | 2,40  | 2,60  | 2,79  | 2,98  | 3,22  | 0,01                                      | 0,06         | 0,11         | 0,14   |
| 200                | 2,75  | 2,97  | 3,23  | 3,51  | 3,78  | 4,14  | 4,42  | 4,78  | 5,14  | 5,49  | 5,93  | 0,02                                      | 0,12         | 0,22         | 0,29   |
| 300                | 3,87  | 4,19  | 4,56  | 4,96  | 5,36  | 5,88  | 6,27  | 6,79  | 7,30  | 7,81  | 8,44  | 0,04                                      | 0,17         | 0,33         | 0,43   |
| 400                | 4,92  | 5,33  | 5,81  | 6,32  | 6,83  | 7,51  | 8,01  | 8,67  | 9,32  | 9,97  | 10,78 | 0,05                                      | 0,23         | 0,43         | 0,58   |
| 500                | 5,90  | 6,41  | 6,99  | 7,61  | 8,22  | 9,04  | 9,64  | 10,44 | 11,23 | 12,00 | 12,97 | 0,06                                      | 0,29         | 0,54         | 0,72   |
| 600                | 6,83  | 7,42  | 8,10  | 8,82  | 9,54  | 10,48 | 11,18 | 12,10 | 13,01 | 13,91 | 15,01 | 0,07                                      | 0,35         | 0,65         | 0,87   |
| 700                | 7,71  | 8,38  | 9,15  | 9,97  | 10,78 | 11,84 | 12,63 | 13,66 | 14,68 | 15,68 | 16,90 | 0,08                                      | 0,41         | 0,76         | 1,01   |
| 720                | 7,88  | 8,57  | 9,36  | 10,19 | 11,02 | 12,11 | 12,91 | 13,96 | 15,00 | 16,02 | 17,26 | 0,09                                      | 0,42         | 0,78         | 1,04   |
| 800                | 8,54  | 9,29  | 10,15 | 11,05 | 11,95 | 13,12 | 13,99 | 15,12 | 16,23 | 17,31 | 18,64 | 0,10                                      | 0,46         | 0,87         | 1,16   |
| 900                | 9,33  | 10,14 | 11,08 | 12,07 | 13,04 | 14,31 | 15,25 | 16,47 | 17,65 | 18,81 | 20,21 | 0,11                                      | 0,52         | 0,98         | 1,30   |
| 960                | 9,78  | 10,63 | 11,61 | 12,65 | 13,66 | 14,99 | 15,96 | 17,22 | 18,44 | 19,63 | 21,06 | 0,12                                      | 0,56         | 1,04         | 1,39   |
| 1 000              | 10,06   | 10,94 | 11,95 | 13,02 | 14,06 | 15,42 | 16,41 | 17,70 | 18,94 | 20,15 | 21,60 | 0,12                                      | 0,58         | 1,09         | 1,44   |
| 1 100              | 10,75   | 11,69 | 12,77 | 13,89 | 15,00 | 16,42 | 17,46 | 18,81 | 20,10 | 21,33 | 22,80 | 0,13                                      | 0,64         | 1,19         | 1,59   |
| 1 200              | 11,39   | 12,38 | 13,52 | 14,70 | 15,85 | 17,34 | 18,41 | 19,79 | 21,10 | 22,35 | 23,80 | 0,15                                      | 0,70         | 1,30         | 1,73   |
| 1 300              | 11,98   | 13,02 | 14,20 | 15,43 | 16,62 | 18,15 | 19,24 | 20,64 | 21,95 | 23,18 | 24,59 | 0,16                                      | 0,75         | 1,41         | 1,88   |
| 1 400              | 12,51   | 13,59 | 14,81 | 16,08 | 17,30 | 18,85 | 19,95 | 21,34 | 22,63 | 23,82 | 25,16 | 0,17                                      | 0,81         | 1,52         | 2,02   |
| 1 440              | 12,71   | 13,80 | 15,04 | 16,32 | 17,55 | 19,10 | 20,20 | 21,58 | 22,86 | 24,02 | 25,32 | 0,17                                      | 0,83         | 1,56         | 2,08   |
| 1 500              | 12,99   | 14,10 | 15,36 | 16,65 | 17,89 | 19,44 | 20,54 | 21,90 | 23,14 | 24,26 | 25,48 | 0,18                                      | 0,87         | 1,63         | 2,17   |
| 1 600              | 13,41   | 14,55 | 15,83 | 17,14 | 18,38 | 19,92 | 20,99 | 22,30 | 23,47 | 24,49 | 25,55 | 0,19                                      | 0,93         | 1,74         | 2,31   |
| 1 700              | 13,78   | 14,94 | 16,23 | 17,53 | 18,76 | 20,27 | 21,30 | 22,54 | 23,60 | 24,50 | –     | 0,21                                      | 0,98         | 1,85         | 2,45   |
| 1 800              | 14,09   | 15,25 | 16,54 | 17,84 | 19,04 | 20,49 | 21,47 | 22,60 | –     | –     | –     | 0,22                                      | 1,04         | 1,95         | 2,60   |
| 1 900              | 14,33   | 15,49 | 16,77 | 18,04 | 19,21 | 20,58 | 21,48 | –     | –     | –     | –     | 0,23                                      | 1,10         | 2,06         | 2,74   |
| 2 000              | 14,51   | 15,66 | 16,92 | 18,15 | 19,26 | –     | –     | –     | –     | –     | –     | 0,24                                      | 1,16         | 2,17         | 2,89   |
| 2 100              | 14,62   | 15,75 | 16,98 | 18,15 | –     | –     | –     | –     | –     | –     | –     | 0,25                                      | 1,22         | 2,28         | 3,03   |
| 2 200              | 14,66   | 15,77 | –     | –     | –     | –     | –     | –     | –     | –     | –     | 0,27                                      | 1,27         | 2,39         | 3,18   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings

## Section D

Table 9e

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |       |       |       |       |       |       |       |       |       |       |       | Additional power per belt for speed ratio |              |              |              |        |
|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|--------------|--------------|--------------|--------|
|                    | 355   | 375   | 400   | 425   | 450   | 475   | 500   | 530   | 560   | 630   | 710   | 800   | 1 000                                     | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |       |       |       |       |       |       |       |       |       |       |       | kW  |              |              |              |        |
| 100                | 4,26  | 4,62  | 5,06  | 5,50  | 5,93  | 6,37  | 6,80  | 7,32  | 7,83  | 9,02  | 10,36 | 11,85 | 15,11                                     | 0,03         | 0,17         | 0,32         | 0,42   |
| 200                | 7,72  | 8,38  | 9,21  | 10,03 | 10,84 | 11,65 | 12,45 | 13,41 | 14,36 | 16,56 | 19,03 | 21,75 | 27,62                                     | 0,07         | 0,33         | 0,63         | 0,85   |
| 300                | 10,84   | 11,79 | 12,96 | 14,13 | 15,29 | 16,44 | 17,58 | 18,93 | 20,28 | 23,36 | 26,79 | 30,54 | 38,43                                     | 0,10         | 0,50         | 0,95         | 1,27   |
| 400                | 13,70   | 14,91 | 16,41 | 17,90 | 19,37 | 20,82 | 22,26 | 23,96 | 25,64 | 29,47 | 33,68 | 38,21 | 47,37                                     | 0,14         | 0,67         | 1,26         | 1,69   |
| 500                | 16,32   | 17,78 | 19,58 | 21,35 | 23,09 | 24,81 | 26,51 | 28,50 | 30,46 | 34,88 | 39,64 | 44,63 | 54,12                                     | 0,17         | 0,84         | 1,58         | 2,11   |
| 600                | 18,73   | 20,40 | 22,46 | 24,48 | 26,46 | 28,40 | 30,30 | 32,53 | 34,69 | 39,50 | 44,56 | 49,63 | 58,31                                     | 0,21         | 1,00         | 1,89         | 2,54   |
| 700                | 20,91   | 22,77 | 25,05 | 27,27 | 29,44 | 31,55 | 33,60 | 35,99 | 38,28 | 43,27 | 48,30 | 53,02 | 59,53                                     | 0,24         | 1,17         | 2,21         | 2,96   |
| 800                | 22,85   | 24,87 | 27,33 | 29,71 | 32,02 | 34,24 | 36,38 | 38,84 | 41,17 | 46,08 | 50,73 | 54,61 | –   | 0,28         | 1,34         | 2,52         | 3,38   |
| 900                | 24,55   | 26,69 | 29,28 | 31,77 | 34,16 | 36,43 | 38,59 | 41,03 | 43,29 | 47,85 | 51,71 | –     | –   | 0,31         | 1,51         | 2,84         | 3,81   |
| 1 000              | 25,98   | 28,21 | 30,89 | 33,42 | 35,82 | 38,08 | 40,18 | 42,50 | 44,58 | 48,46 | –     | –     | –   | 0,35         | 1,67         | 3,16         | 4,23   |
| 1 100              | 27,14   | 29,42 | 32,12 | 34,64 | 36,98 | 39,14 | 41,10 | 43,18 | 44,95 | –     | –     | –     | –   | 0,38         | 1,84         | 3,47         | 4,65   |
| 1 200              | 28,00   | 30,28 | 32,95 | 35,39 | 37,60 | 39,57 | 41,29 | –     | –     | –     | –     | –     | –   | 0,42         | 2,01         | 3,79         | 5,07   |
| 1 300              | 28,55   | 30,79 | 33,35 | 35,64 | 37,63 | –     | –     | –     | –     | –     | –     | –     | –   | 0,45         | 2,17         | 4,10         | 5,50   |
| 1 400              | 28,78   | 30,92 | –     | –     | –     | –     | –     | –     | –     | –     | –     | –     | –   | 0,49         | 2,34         | 4,42         | 5,92   |
| 1 500              | –   | –     | –     | –     | –     | –     | –     | –     | –     | –     | –     | –     | –   | 0,52         | 2,51         | 4,73         | 6,34   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings

## Section SPZ/3V

Table 9f

1

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |      |      |      |      |      |      |      |      |      |      |      | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|------|------|------|------|------|------|------|------|------|------|------|---|--------------|--------------|--------|
|                    | 67  | 71   | 75   | 80   | 85   | 90   | 95   | 100  | 112  | 125  | 132  | 140  | 1,00 to 1,05                              | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |      |      |      |      |      |      |      |      |      |      |      | kW  |              |              |        |
| 100                | 0,11  | 0,13 | 0,14 | 0,16 | 0,17 | 0,19 | 0,21 | 0,22 | 0,26 | 0,31 | 0,33 | 0,36 | –   | 0,01         | 0,01         | 0,01   |
| 500                | 0,45  | 0,51 | 0,57 | 0,65 | 0,72 | 0,80 | 0,87 | 0,95 | 1,13 | 1,32 | 1,42 | 1,54 | 0,01                                      | 0,03         | 0,06         | 0,06   |
| 720                | 0,61  | 0,69 | 0,78 | 0,89 | 0,99 | 1,10 | 1,20 | 1,31 | 1,56 | 1,82 | 1,97 | 2,13 | 0,01                                      | 0,05         | 0,08         | 0,09   |
| 800                | 0,66  | 0,76 | 0,85 | 0,97 | 1,09 | 1,20 | 1,32 | 1,43 | 1,71 | 2,00 | 2,16 | 2,34 | 0,01                                      | 0,05         | 0,09         | 0,10   |
| 900                | 0,73  | 0,83 | 0,94 | 1,07 | 1,20 | 1,33 | 1,46 | 1,59 | 1,89 | 2,22 | 2,40 | 2,60 | 0,01                                      | 0,06         | 0,10         | 0,11   |
| 960                | 0,77  | 0,88 | 0,99 | 1,13 | 1,27 | 1,41 | 1,54 | 1,68 | 2,00 | 2,35 | 2,54 | 2,75 | 0,02                                      | 0,07         | 0,11         | 0,12   |
| 1000               | 0,79  | 0,91 | 1,03 | 1,17 | 1,31 | 1,46 | 1,60 | 1,74 | 2,08 | 2,44 | 2,63 | 2,85 | 0,02                                      | 0,07         | 0,11         | 0,13   |
| 1100               | 0,86  | 0,98 | 1,11 | 1,27 | 1,42 | 1,58 | 1,74 | 1,89 | 2,26 | 2,65 | 2,86 | 3,10 | 0,02                                      | 0,08         | 0,12         | 0,14   |
| 1200               | 0,92  | 1,06 | 1,19 | 1,36 | 1,53 | 1,70 | 1,87 | 2,04 | 2,43 | 2,86 | 3,08 | 3,34 | 0,02                                      | 0,08         | 0,13         | 0,15   |
| 1300               | 0,98  | 1,13 | 1,28 | 1,46 | 1,64 | 1,82 | 2,00 | 2,18 | 2,61 | 3,06 | 3,30 | 3,58 | 0,02                                      | 0,09         | 0,14         | 0,17   |
| 1400               | 1,04  | 1,20 | 1,35 | 1,55 | 1,75 | 1,94 | 2,13 | 2,32 | 2,78 | 3,26 | 3,52 | 3,81 | 0,02                                      | 0,10         | 0,15         | 0,18   |
| 1440               | 1,06  | 1,22 | 1,39 | 1,59 | 1,79 | 1,99 | 2,18 | 2,38 | 2,84 | 3,34 | 3,61 | 3,90 | 0,02                                      | 0,10         | 0,16         | 0,18   |
| 1500               | 1,10  | 1,27 | 1,43 | 1,64 | 1,85 | 2,05 | 2,26 | 2,46 | 2,94 | 3,46 | 3,73 | 4,04 | 0,02                                      | 0,10         | 0,17         | 0,19   |
| 1600               | 1,15  | 1,33 | 1,51 | 1,73 | 1,95 | 2,17 | 2,38 | 2,60 | 3,11 | 3,65 | 3,94 | 4,27 | 0,03                                      | 0,11         | 0,18         | 0,20   |
| 1700               | 1,21  | 1,40 | 1,59 | 1,82 | 2,05 | 2,28 | 2,51 | 2,73 | 3,27 | 3,84 | 4,15 | 4,49 | 0,03                                      | 0,12         | 0,19         | 0,22   |
| 1800               | 1,26  | 1,46 | 1,66 | 1,90 | 2,15 | 2,39 | 2,63 | 2,87 | 3,43 | 4,03 | 4,35 | 4,71 | 0,03                                      | 0,12         | 0,20         | 0,23   |
| 1900               | 1,32  | 1,52 | 1,73 | 1,99 | 2,24 | 2,50 | 2,75 | 3,00 | 3,59 | 4,21 | 4,55 | 4,92 | 0,03                                      | 0,13         | 0,21         | 0,24   |
| 2000               | 1,37  | 1,59 | 1,80 | 2,07 | 2,34 | 2,60 | 2,87 | 3,13 | 3,74 | 4,39 | 4,74 | 5,13 | 0,03                                      | 0,14         | 0,22         | 0,26   |
| 2100               | 1,42  | 1,65 | 1,87 | 2,15 | 2,43 | 2,71 | 2,98 | 3,25 | 3,89 | 4,57 | 4,93 | 5,33 | 0,03                                      | 0,14         | 0,23         | 0,27   |
| 2200               | 1,47  | 1,71 | 1,94 | 2,23 | 2,52 | 2,81 | 3,09 | 3,38 | 4,04 | 4,74 | 5,11 | 5,53 | 0,03                                      | 0,15         | 0,24         | 0,28   |
| 2300               | 1,52  | 1,77 | 2,01 | 2,31 | 2,61 | 2,91 | 3,21 | 3,50 | 4,19 | 4,91 | 5,30 | 5,73 | 0,04                                      | 0,16         | 0,25         | 0,29   |
| 2400               | 1,57  | 1,82 | 2,08 | 2,39 | 2,70 | 3,01 | 3,31 | 3,62 | 4,33 | 5,08 | 5,47 | 5,92 | 0,04                                      | 0,16         | 0,27         | 0,31   |
| 2500               | 1,61  | 1,88 | 2,14 | 2,47 | 2,79 | 3,11 | 3,42 | 3,73 | 4,47 | 5,24 | 5,65 | 6,10 | 0,04                                      | 0,17         | 0,28         | 0,32   |
| 2600               | 1,66  | 1,93 | 2,20 | 2,54 | 2,87 | 3,20 | 3,53 | 3,85 | 4,60 | 5,40 | 5,81 | 6,28 | 0,04                                      | 0,18         | 0,29         | 0,33   |
| 2700               | 1,70  | 1,99 | 2,27 | 2,61 | 2,96 | 3,30 | 3,63 | 3,96 | 4,74 | 5,55 | 5,98 | 6,45 | 0,04                                      | 0,18         | 0,30         | 0,34   |
| 2800               | 1,75  | 2,04 | 2,33 | 2,69 | 3,04 | 3,39 | 3,73 | 4,07 | 4,87 | 5,70 | 6,14 | 6,62 | 0,04                                      | 0,19         | 0,31         | 0,36   |
| 2880               | 1,78  | 2,08 | 2,38 | 2,74 | 3,10 | 3,46 | 3,81 | 4,16 | 4,97 | 5,82 | 6,26 | 6,76 | 0,05                                      | 0,20         | 0,32         | 0,37   |
| 2900               | 1,79  | 2,09 | 2,39 | 2,76 | 3,12 | 3,48 | 3,83 | 4,18 | 5,00 | 5,85 | 6,29 | 6,79 | 0,05                                      | 0,20         | 0,32         | 0,37   |
| 3000               | 1,83  | 2,14 | 2,45 | 2,83 | 3,20 | 3,57 | 3,93 | 4,29 | 5,12 | 5,99 | 6,45 | 6,95 | 0,05                                      | 0,21         | 0,33         | 0,38   |
| 3100               | 1,87  | 2,19 | 2,51 | 2,89 | 3,27 | 3,65 | 4,02 | 4,39 | 5,24 | 6,13 | 6,59 | 7,10 | 0,05                                      | 0,21         | 0,34         | 0,40   |
| 3200               | 1,91  | 2,24 | 2,56 | 2,96 | 3,35 | 3,74 | 4,12 | 4,49 | 5,36 | 6,27 | 6,73 | 7,25 | 0,05                                      | 0,22         | 0,35         | 0,41   |
| 3300               | 1,95  | 2,29 | 2,62 | 3,02 | 3,42 | 3,82 | 4,21 | 4,59 | 5,48 | 6,40 | 6,87 | 7,39 | 0,05                                      | 0,23         | 0,36         | 0,42   |
| 3400               | 1,99  | 2,33 | 2,67 | 3,09 | 3,50 | 3,90 | 4,30 | 4,68 | 5,59 | 6,52 | 7,00 | 7,53 | 0,05                                      | 0,23         | 0,38         | 0,43   |
| 3500               | 2,03  | 2,38 | 2,72 | 3,15 | 3,57 | 3,98 | 4,38 | 4,78 | 5,70 | 6,64 | 7,13 | 7,66 | 0,06                                      | 0,24         | 0,39         | 0,45   |
| 3600               | 2,06  | 2,42 | 2,77 | 3,21 | 3,63 | 4,05 | 4,47 | 4,87 | 5,80 | 6,76 | 7,25 | 7,78 | 0,06                                      | 0,25         | 0,40         | 0,46   |
| 3700               | 2,10  | 2,46 | 2,82 | 3,27 | 3,70 | 4,13 | 4,55 | 4,96 | 5,90 | 6,87 | 7,36 | 7,90 | 0,06                                      | 0,25         | 0,41         | 0,47   |
| 3800               | 2,13  | 2,50 | 2,87 | 3,32 | 3,77 | 4,20 | 4,63 | 5,04 | 6,00 | 6,98 | 7,47 | 8,01 | 0,06                                      | 0,26         | 0,42         | 0,48   |
| 3900               | 2,17  | 2,55 | 2,92 | 3,38 | 3,83 | 4,27 | 4,70 | 5,13 | 6,10 | 7,08 | 7,58 | 8,11 | 0,06                                      | 0,27         | 0,43         | 0,50   |
| 4000               | 2,20  | 2,58 | 2,97 | 3,43 | 3,89 | 4,34 | 4,78 | 5,21 | 6,19 | 7,18 | 7,67 | 8,21 | 0,06                                      | 0,27         | 0,44         | 0,51   |
| 4200               | 2,26  | 2,66 | 3,05 | 3,54 | 4,01 | 4,47 | 4,92 | 5,36 | 6,36 | 7,36 | 7,85 | 8,39 | 0,07                                      | 0,29         | 0,46         | 0,54   |
| 4400               | 2,31  | 2,73 | 3,14 | 3,63 | 4,12 | 4,59 | 5,05 | 5,50 | 6,51 | 7,52 | 8,01 | 8,53 | 0,07                                      | 0,30         | 0,49         | 0,56   |
| 4600               | 2,37  | 2,79 | 3,21 | 3,72 | 4,22 | 4,70 | 5,17 | 5,63 | 6,65 | 7,65 | 8,14 | 8,65 | 0,07                                      | 0,32         | 0,51         | 0,59   |
| 4800               | 2,41  | 2,85 | 3,28 | 3,81 | 4,32 | 4,81 | 5,29 | 5,75 | 6,78 | 7,77 | 8,25 | 8,74 | 0,08                                      | 0,33         | 0,53         | 0,61   |
| 5000               | 2,46  | 2,91 | 3,35 | 3,88 | 4,40 | 4,90 | 5,39 | 5,85 | 6,88 | 7,86 | 8,32 | 8,80 | 0,08                                      | 0,34         | 0,55         | 0,64   |
| 5200               | 2,49  | 2,96 | 3,41 | 3,95 | 4,48 | 4,99 | 5,47 | 5,94 | 6,97 | 7,93 | 8,38 | 8,82 | 0,08                                      | 0,36         | 0,57         | 0,66   |
| 5400               | 2,53  | 3,00 | 3,46 | 4,01 | 4,55 | 5,06 | 5,55 | 6,02 | 7,04 | 7,97 | 8,40 | –    | 0,09                                      | 0,37         | 0,60         | 0,69   |
| 5600               | 2,56  | 3,04 | 3,50 | 4,07 | 4,61 | 5,13 | 5,62 | 6,08 | 7,09 | 7,99 | –    | –    | 0,09                                      | 0,38         | 0,62         | 0,71   |
| 5800               | 2,58  | 3,07 | 3,54 | 4,11 | 4,66 | 5,18 | 5,67 | 6,14 | 7,12 | –    | –    | –    | 0,09                                      | 0,40         | 0,64         | 0,74   |
| 6000               | 2,60  | 3,10 | 3,58 | 4,15 | 4,70 | 5,22 | 5,71 | 6,17 | 7,14 | –    | –    | –    | 0,09                                      | 0,41         | 0,66         | 0,77   |
| 6200               | 2,62  | 3,12 | 3,60 | 4,18 | 4,73 | 5,25 | 5,74 | 6,19 | –    | –    | –    | –    | 0,10                                      | 0,42         | 0,69         | 0,79   |
| 6400               | 2,62  | 3,13 | 3,62 | 4,21 | 4,76 | 5,27 | 5,76 | 6,20 | –    | –    | –    | –    | 0,10                                      | 0,44         | 0,71         | 0,82   |
| 6600               | 2,63  | 3,14 | 3,64 | 4,22 | 4,77 | 5,28 | 5,76 | –    | –    | –    | –    | –    | 0,10                                      | 0,45         | 0,73         | 0,84   |
| 6800               | –   | 3,14 | 3,64 | 4,23 | 4,77 | –    | –    | –    | –    | –    | –    | –    | 0,11                                      | 0,47         | 0,75         | 0,87   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

Table 9g

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |      |      |      |      |      |      |       |       |       |       |       |       | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|---|--------------|--------------|--------|
|                    | 90  | 95   | 100  | 106  | 112  | 118  | 125  | 132   | 140   | 150   | 160   | 180   | 200   | 1,00 to 1,05                              | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |      |      |      |      |      |      |       |       |       |       |       |       | kW  |              |              |        |
| 100                | 0,25  | 0,28 | 0,31 | 0,35 | 0,38 | 0,42 | 0,46 | 0,50  | 0,55  | 0,61  | 0,67  | 0,79  | 0,90  | –   | 0,02         | 0,03         | 0,03   |
| 200                | 0,45  | 0,51 | 0,57 | 0,64 | 0,71 | 0,78 | 0,86 | 0,94  | 1,03  | 1,14  | 1,25  | 1,48  | 1,70  | 0,01                                      | 0,04         | 0,05         | 0,06   |
| 300                | 0,64  | 0,72 | 0,81 | 0,91 | 1,01 | 1,11 | 1,23 | 1,34  | 1,48  | 1,64  | 1,81  | 2,14  | 2,46  | 0,01                                      | 0,05         | 0,08         | 0,09   |
| 400                | 0,81  | 0,92 | 1,03 | 1,16 | 1,30 | 1,43 | 1,58 | 1,73  | 1,91  | 2,13  | 2,34  | 2,77  | 3,19  | 0,02                                      | 0,07         | 0,11         | 0,12   |
| 500                | 0,97  | 1,11 | 1,24 | 1,41 | 1,57 | 1,73 | 1,92 | 2,11  | 2,33  | 2,59  | 2,86  | 3,38  | 3,91  | 0,02                                      | 0,09         | 0,14         | 0,15   |
| 600                | 1,13  | 1,29 | 1,45 | 1,65 | 1,84 | 2,03 | 2,25 | 2,48  | 2,73  | 3,05  | 3,36  | 3,98  | 4,60  | 0,03                                      | 0,11         | 0,16         | 0,18   |
| 700                | 1,28  | 1,46 | 1,65 | 1,87 | 2,10 | 2,32 | 2,58 | 2,83  | 3,13  | 3,49  | 3,85  | 4,57  | 5,27  | 0,03                                      | 0,13         | 0,19         | 0,21   |
| 720                | 1,31  | 1,50 | 1,69 | 1,92 | 2,15 | 2,38 | 2,64 | 2,90  | 3,20  | 3,58  | 3,95  | 4,68  | 5,41  | 0,03                                      | 0,13         | 0,20         | 0,22   |
| 800                | 1,42  | 1,63 | 1,84 | 2,10 | 2,35 | 2,60 | 2,89 | 3,18  | 3,51  | 3,92  | 4,33  | 5,14  | 5,93  | 0,03                                      | 0,14         | 0,22         | 0,24   |
| 900                | 1,56  | 1,80 | 2,03 | 2,31 | 2,59 | 2,87 | 3,20 | 3,52  | 3,89  | 4,34  | 4,80  | 5,69  | 6,58  | 0,04                                      | 0,16         | 0,24         | 0,27   |
| 960                | 1,64  | 1,89 | 2,14 | 2,44 | 2,74 | 3,03 | 3,38 | 3,72  | 4,11  | 4,59  | 5,07  | 6,02  | 6,96  | 0,04                                      | 0,17         | 0,26         | 0,29   |
| 1 000              | 1,69  | 1,95 | 2,21 | 2,52 | 2,83 | 3,14 | 3,50 | 3,85  | 4,26  | 4,76  | 5,25  | 6,24  | 7,21  | 0,04                                      | 0,18         | 0,27         | 0,30   |
| 1 100              | 1,82  | 2,11 | 2,39 | 2,73 | 3,07 | 3,40 | 3,79 | 4,18  | 4,62  | 5,16  | 5,70  | 6,77  | 7,82  | 0,05                                      | 0,20         | 0,30         | 0,33   |
| 1 200              | 1,95  | 2,26 | 2,57 | 2,93 | 3,30 | 3,66 | 4,08 | 4,49  | 4,97  | 5,56  | 6,14  | 7,29  | 8,42  | 0,05                                      | 0,21         | 0,33         | 0,36   |
| 1 300              | 2,07  | 2,40 | 2,73 | 3,13 | 3,52 | 3,91 | 4,36 | 4,81  | 5,31  | 5,94  | 6,57  | 7,80  | 9,00  | 0,06                                      | 0,23         | 0,35         | 0,39   |
| 1 400              | 2,19  | 2,55 | 2,90 | 3,32 | 3,74 | 4,15 | 4,63 | 5,11  | 5,65  | 6,32  | 6,98  | 8,29  | 9,57  | 0,06                                      | 0,25         | 0,38         | 0,42   |
| 1 440              | 2,24  | 2,60 | 2,96 | 3,39 | 3,82 | 4,25 | 4,74 | 5,23  | 5,78  | 6,47  | 7,15  | 8,48  | 9,79  | 0,06                                      | 0,26         | 0,39         | 0,43   |
| 1 500              | 2,31  | 2,68 | 3,06 | 3,51 | 3,95 | 4,39 | 4,90 | 5,41  | 5,98  | 6,69  | 7,39  | 8,77  | 10,12 | 0,06                                      | 0,27         | 0,41         | 0,45   |
| 1 600              | 2,42  | 2,82 | 3,21 | 3,69 | 4,16 | 4,62 | 5,16 | 5,70  | 6,30  | 7,05  | 7,79  | 9,24  | 10,65 | 0,07                                      | 0,29         | 0,44         | 0,48   |
| 1 700              | 2,53  | 2,95 | 3,37 | 3,86 | 4,36 | 4,85 | 5,42 | 5,98  | 6,62  | 7,40  | 8,18  | 9,70  | 11,17 | 0,07                                      | 0,30         | 0,46         | 0,51   |
| 1 800              | 2,63  | 3,08 | 3,51 | 4,04 | 4,56 | 5,07 | 5,67 | 6,26  | 6,92  | 7,74  | 8,55  | 10,14 | 11,67 | 0,08                                      | 0,32         | 0,49         | 0,54   |
| 1 900              | 2,74  | 3,20 | 3,66 | 4,21 | 4,75 | 5,29 | 5,91 | 6,53  | 7,22  | 8,08  | 8,92  | 10,56 | 12,15 | 0,08                                      | 0,34         | 0,52         | 0,57   |
| 2 000              | 2,83  | 3,32 | 3,80 | 4,37 | 4,94 | 5,50 | 6,15 | 6,79  | 7,51  | 8,40  | 9,28  | 10,98 | 12,61 | 0,09                                      | 0,36         | 0,54         | 0,60   |
| 2 100              | 2,93  | 3,43 | 3,93 | 4,53 | 5,12 | 5,70 | 6,38 | 7,04  | 7,79  | 8,72  | 9,62  | 11,38 | 13,05 | 0,09                                      | 0,38         | 0,57         | 0,63   |
| 2 200              | 3,02  | 3,55 | 4,07 | 4,68 | 5,30 | 5,90 | 6,60 | 7,29  | 8,07  | 9,02  | 9,95  | 11,76 | 13,48 | 0,09                                      | 0,39         | 0,60         | 0,66   |
| 2 300              | 3,11  | 3,65 | 4,19 | 4,83 | 5,47 | 6,10 | 6,82 | 7,53  | 8,33  | 9,32  | 10,28 | 12,13 | 13,88 | 0,10                                      | 0,41         | 0,63         | 0,69   |
| 2 400              | 3,20  | 3,76 | 4,32 | 4,98 | 5,64 | 6,28 | 7,03 | 7,76  | 8,59  | 9,60  | 10,58 | 12,48 | 14,26 | 0,10                                      | 0,43         | 0,65         | 0,72   |
| 2 500              | 3,28  | 3,86 | 4,44 | 5,12 | 5,80 | 6,47 | 7,23 | 7,99  | 8,84  | 9,87  | 10,88 | 12,81 | 14,62 | 0,11                                      | 0,45         | 0,68         | 0,75   |
| 2 600              | 3,36  | 3,96 | 4,55 | 5,26 | 5,95 | 6,64 | 7,43 | 8,21  | 9,08  | 10,14 | 11,17 | 13,13 | 14,96 | 0,11                                      | 0,47         | 0,71         | 0,78   |
| 2 700              | 3,43  | 4,05 | 4,66 | 5,39 | 6,11 | 6,81 | 7,62 | 8,42  | 9,31  | 10,39 | 11,44 | 13,43 | 15,27 | 0,12                                      | 0,48         | 0,73         | 0,81   |
| 2 800              | 3,50  | 4,14 | 4,77 | 5,52 | 6,25 | 6,97 | 7,80 | 8,62  | 9,53  | 10,63 | 11,70 | 13,71 | 15,56 | 0,12                                      | 0,50         | 0,76         | 0,84   |
| 2 880              | 3,56  | 4,21 | 4,85 | 5,61 | 6,36 | 7,10 | 7,94 | 8,77  | 9,69  | 10,81 | 11,89 | 13,92 | 15,77 | 0,12                                      | 0,52         | 0,78         | 0,87   |
| 2 900              | 3,57  | 4,23 | 4,87 | 5,64 | 6,39 | 7,13 | 7,98 | 8,81  | 9,74  | 10,86 | 11,94 | 13,98 | 15,83 | 0,12                                      | 0,52         | 0,79         | 0,87   |
| 3 000              | 3,64  | 4,31 | 4,97 | 5,75 | 6,52 | 7,28 | 8,15 | 8,99  | 9,94  | 11,08 | 12,17 | 14,22 | 16,07 | 0,13                                      | 0,54         | 0,82         | 0,90   |
| 3 100              | 3,70  | 4,39 | 5,06 | 5,87 | 6,65 | 7,43 | 8,31 | 9,17  | 10,13 | 11,28 | 12,39 | 14,44 | 16,28 | 0,13                                      | 0,55         | 0,84         | 0,93   |
| 3 200              | 3,75  | 4,46 | 5,15 | 5,97 | 6,78 | 7,56 | 8,46 | 9,34  | 10,31 | 11,47 | 12,59 | 14,65 | 16,47 | 0,14                                      | 0,57         | 0,87         | 0,96   |
| 3 300              | 3,81  | 4,53 | 5,24 | 6,07 | 6,89 | 7,69 | 8,61 | 9,49  | 10,48 | 11,65 | 12,78 | 14,83 | 16,63 | 0,14                                      | 0,59         | 0,90         | 0,99   |
| 3 400              | 3,86  | 4,59 | 5,32 | 6,17 | 7,00 | 7,82 | 8,74 | 9,64  | 10,63 | 11,82 | 12,95 | 15,00 | 16,76 | 0,15                                      | 0,61         | 0,92         | 1,02   |
| 3 500              | 3,91  | 4,66 | 5,39 | 6,26 | 7,11 | 7,93 | 8,87 | 9,78  | 10,78 | 11,98 | 13,10 | 15,14 | 16,86 | 0,15                                      | 0,63         | 0,95         | 1,06   |
| 3 600              | 3,95  | 4,71 | 5,46 | 6,34 | 7,20 | 8,04 | 8,99 | 9,91  | 10,92 | 12,12 | 13,24 | 15,26 | 16,94 | 0,15                                      | 0,64         | 0,98         | 1,09   |
| 3 700              | 3,99  | 4,77 | 5,53 | 6,42 | 7,29 | 8,14 | 9,10 | 10,03 | 11,04 | 12,24 | 13,37 | 15,36 | 16,98 | 0,16                                      | 0,66         | 1,01         | 1,12   |
| 3 800              | 4,02  | 4,81 | 5,59 | 6,50 | 7,38 | 8,24 | 9,21 | 10,14 | 11,16 | 12,36 | 13,47 | 15,43 | 16,99 | 0,16                                      | 0,68         | 1,03         | 1,15   |
| 3 900              | 4,06  | 4,86 | 5,64 | 6,56 | 7,46 | 8,32 | 9,30 | 10,24 | 11,26 | 12,46 | 13,56 | 15,48 | –     | 0,17                                      | 0,70         | 1,06         | 1,18   |
| 4 000              | 4,08  | 4,90 | 5,69 | 6,62 | 7,53 | 8,40 | 9,38 | 10,33 | 11,35 | 12,54 | 13,63 | 15,51 | –     | 0,17                                      | 0,72         | 1,09         | 1,21   |
| 4 100              | 4,11  | 4,93 | 5,74 | 6,68 | 7,59 | 8,47 | 9,46 | 10,40 | 11,42 | 12,61 | 13,69 | 15,51 | –     | 0,18                                      | 0,73         | 1,12         | 1,24   |
| 4 200              | 4,13  | 4,96 | 5,78 | 6,73 | 7,65 | 8,54 | 9,53 | 10,47 | 11,49 | 12,66 | 13,72 | –     | –     | 0,18                                      | 0,75         | 1,14         | 1,27   |
| 4 300              | 4,14  | 4,99 | 5,81 | 6,77 | 7,70 | 8,59 | 9,58 | 10,53 | 11,54 | 12,70 | 13,74 | –     | –     | 0,18                                      | 0,77         | 1,17         | 1,30   |
| 4 400              | 4,15  | 5,01 | 5,84 | 6,81 | 7,74 | 8,64 | 9,63 | 10,57 | 11,58 | 12,72 | –     | –     | –     | 0,19                                      | 0,79         | 1,20         | 1,33   |
| 4 500              | 4,16  | 5,02 | 5,86 | 6,84 | 7,78 | 8,67 | 9,67 | 10,60 | 11,60 | 12,73 | –     | –     | –     | 0,19                                      | 0,81         | 1,22         | 1,36   |
| 4 600              | 4,16  | 5,03 | 5,88 | 6,86 | 7,80 | 8,70 | 9,69 | 10,63 | 11,61 | –     | –     | –     | –     | 0,20                                      | 0,82         | 1,25         | 1,39   |
| 4 700              | –   | 5,04 | 5,89 | 6,88 | 7,82 | 8,72 | 9,71 | 10,64 | –     | –     | –     | –     | –     | 0,20                                      | 0,84         | 1,28         | 1,42   |
| 4 800              | –   | 5,04 | 5,90 | 6,89 | 7,83 | 8,73 | 9,72 | –     | –     | –     | –     | –     | –     | 0,21                                      | 0,86         | 1,31         | 1,45   |
| 4 900              | –   | –    | –    | 6,89 | 7,84 | 8,73 | –    | –     | –     | –     | –     | –     | –     | 0,21                                      | 0,88         | 1,33         | 1,48   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings

## Section SPB/5V

Table 9h

1

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |       |       |       |       |       |       |       |       |       |       |       |       | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|--------------|--------------|--------|
|                    | 140   | 150   | 160   | 170   | 180   | 190   | 200   | 212   | 224   | 236   | 250   | 280   | 315   | 1,00 to 1,05                              | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |       |       |       |       |       |       |       |       |       |       |       |       | kW  |              |              |        |
| 100                | 0,72  | 0,81  | 0,90  | 0,99  | 1,08  | 1,17  | 1,26  | 1,37  | 1,48  | 1,59  | 1,72  | 1,98  | 2,29  | 0,01                                      | 0,03         | 0,05         | 0,05   |
| 200                | 1,31  | 1,49  | 1,66  | 1,84  | 2,01  | 2,19  | 2,36  | 2,57  | 2,77  | 2,98  | 3,22  | 3,73  | 4,32  | 0,02                                      | 0,07         | 0,09         | 0,10   |
| 300                | 1,86  | 2,12  | 2,38  | 2,63  | 2,89  | 3,14  | 3,39  | 3,69  | 3,99  | 4,29  | 4,64  | 5,38  | 6,24  | 0,03                                      | 0,10         | 0,14         | 0,15   |
| 400                | 2,38  | 2,72  | 3,05  | 3,38  | 3,72  | 4,05  | 4,38  | 4,77  | 5,16  | 5,55  | 6,00  | 6,97  | 8,07  | 0,03                                      | 0,13         | 0,19         | 0,20   |
| 500                | 2,87  | 3,29  | 3,70  | 4,11  | 4,52  | 4,92  | 5,33  | 5,81  | 6,29  | 6,76  | 7,32  | 8,49  | 9,85  | 0,04                                      | 0,17         | 0,23         | 0,25   |
| 600                | 3,35  | 3,84  | 4,33  | 4,81  | 5,29  | 5,77  | 6,24  | 6,81  | 7,38  | 7,94  | 8,59  | 9,97  | 11,55 | 0,05                                      | 0,20         | 0,28         | 0,30   |
| 700                | 3,81  | 4,37  | 4,93  | 5,49  | 6,04  | 6,59  | 7,13  | 7,78  | 8,43  | 9,07  | 9,82  | 11,39 | 13,20 | 0,06                                      | 0,23         | 0,33         | 0,35   |
| 720                | 3,90  | 4,48  | 5,05  | 5,62  | 6,18  | 6,75  | 7,31  | 7,97  | 8,64  | 9,30  | 10,06 | 11,67 | 13,52 | 0,06                                      | 0,24         | 0,34         | 0,36   |
| 800                | 4,25  | 4,89  | 5,52  | 6,14  | 6,76  | 7,38  | 7,99  | 8,73  | 9,45  | 10,17 | 11,01 | 12,77 | 14,78 | 0,07                                      | 0,27         | 0,38         | 0,40   |
| 900                | 4,68  | 5,38  | 6,08  | 6,78  | 7,47  | 8,15  | 8,83  | 9,64  | 10,44 | 11,24 | 12,16 | 14,09 | 16,29 | 0,08                                      | 0,30         | 0,42         | 0,45   |
| 960                | 4,93  | 5,67  | 6,41  | 7,15  | 7,88  | 8,60  | 9,32  | 10,17 | 11,02 | 11,86 | 12,83 | 14,86 | 17,17 | 0,08                                      | 0,32         | 0,45         | 0,48   |
| 1 000              | 5,09  | 5,87  | 6,63  | 7,39  | 8,15  | 8,90  | 9,64  | 10,52 | 11,40 | 12,26 | 13,26 | 15,36 | 17,74 | 0,08                                      | 0,33         | 0,47         | 0,50   |
| 1 100              | 5,49  | 6,33  | 7,17  | 7,99  | 8,81  | 9,62  | 10,42 | 11,38 | 12,32 | 13,26 | 14,33 | 16,58 | 19,12 | 0,09                                      | 0,37         | 0,52         | 0,55   |
| 1 200              | 5,88  | 6,78  | 7,68  | 8,57  | 9,45  | 10,32 | 11,18 | 12,20 | 13,21 | 14,21 | 15,36 | 17,75 | 20,42 | 0,10                                      | 0,40         | 0,56         | 0,60   |
| 1 300              | 6,25  | 7,22  | 8,18  | 9,13  | 10,07 | 11,00 | 11,91 | 13,00 | 14,07 | 15,13 | 16,34 | 18,85 | 21,64 | 0,11                                      | 0,43         | 0,61         | 0,65   |
| 1 400              | 6,61  | 7,64  | 8,66  | 9,67  | 10,66 | 11,65 | 12,62 | 13,76 | 14,89 | 16,00 | 17,27 | 19,90 | 22,79 | 0,12                                      | 0,47         | 0,66         | 0,70   |
| 1 440              | 6,75  | 7,81  | 8,85  | 9,88  | 10,90 | 11,90 | 12,89 | 14,06 | 15,21 | 16,34 | 17,63 | 20,30 | 23,22 | 0,12                                      | 0,48         | 0,68         | 0,72   |
| 1 500              | 6,96  | 8,05  | 9,13  | 10,19 | 11,24 | 12,27 | 13,29 | 14,50 | 15,68 | 16,84 | 18,16 | 20,88 | 23,84 | 0,13                                      | 0,50         | 0,70         | 0,75   |
| 1 600              | 7,29  | 8,44  | 9,58  | 10,69 | 11,79 | 12,87 | 13,94 | 15,19 | 16,42 | 17,63 | 18,99 | 21,79 | 24,81 | 0,14                                      | 0,53         | 0,75         | 0,80   |
| 1 700              | 7,62  | 8,82  | 10,00 | 11,17 | 12,32 | 13,45 | 14,56 | 15,86 | 17,13 | 18,37 | 19,78 | 22,63 | 25,68 | 0,14                                      | 0,57         | 0,80         | 0,85   |
| 1 800              | 7,92  | 9,18  | 10,42 | 11,63 | 12,82 | 13,99 | 15,14 | 16,49 | 17,80 | 19,07 | 20,51 | 23,41 | 26,45 | 0,15                                      | 0,60         | 0,84         | 0,90   |
| 1 900              | 8,22  | 9,52  | 10,81 | 12,07 | 13,30 | 14,51 | 15,70 | 17,08 | 18,42 | 19,72 | 21,18 | 24,10 | 27,12 | 0,16                                      | 0,63         | 0,89         | 0,95   |
| 2 000              | 8,50  | 9,85  | 11,18 | 12,49 | 13,76 | 15,00 | 16,22 | 17,63 | 19,00 | 20,32 | 21,80 | 24,72 | 27,67 | 0,17                                      | 0,67         | 0,94         | 1,00   |
| 2 100              | 8,76  | 10,16 | 11,54 | 12,88 | 14,19 | 15,47 | 16,71 | 18,15 | 19,54 | 20,87 | 22,36 | 25,26 | 28,12 | 0,18                                      | 0,70         | 0,98         | 1,05   |
| 2 200              | 9,01  | 10,46 | 11,87 | 13,25 | 14,59 | 15,90 | 17,16 | 18,62 | 20,03 | 21,37 | 22,85 | 25,71 | 28,44 | 0,19                                      | 0,73         | 1,03         | 1,10   |
| 2 300              | 9,25  | 10,74 | 12,19 | 13,60 | 14,97 | 16,29 | 17,58 | 19,06 | 20,47 | 21,81 | 23,28 | 26,07 | 28,65 | 0,19                                      | 0,77         | 1,08         | 1,15   |
| 2 400              | 9,47  | 10,99 | 12,48 | 13,92 | 15,31 | 16,66 | 17,96 | 19,45 | 20,86 | 22,19 | 23,64 | 26,34 | 28,72 | 0,20                                      | 0,80         | 1,13         | 1,20   |
| 2 500              | 9,67  | 11,23 | 12,75 | 14,22 | 15,63 | 16,99 | 18,30 | 19,79 | 21,20 | 22,51 | 23,93 | 26,51 | 28,67 | 0,21                                      | 0,83         | 1,17         | 1,25   |
| 2 600              | 9,86  | 11,46 | 13,00 | 14,49 | 15,92 | 17,29 | 18,60 | 20,09 | 21,48 | 22,77 | 24,15 | 26,58 | -     | 0,22                                      | 0,87         | 1,22         | 1,30   |
| 2 700              | 10,03   | 11,66 | 13,23 | 14,73 | 16,18 | 17,55 | 18,86 | 20,34 | 21,71 | 22,97 | 24,29 | -     | -     | 0,23                                      | 0,90         | 1,27         | 1,35   |
| 2 800              | 10,19   | 11,84 | 13,43 | 14,95 | 16,40 | 17,78 | 19,08 | 20,54 | 21,88 | 23,10 | 24,36 | -     | -     | 0,24                                      | 0,93         | 1,31         | 1,40   |
| 2 880              | 10,30   | 11,97 | 13,57 | 15,10 | 16,56 | 17,93 | 19,23 | 20,67 | 21,98 | 23,16 | -     | -     | -     | 0,24                                      | 0,96         | 1,35         | 1,44   |
| 2 900              | 10,33   | 12,00 | 13,61 | 15,14 | 16,59 | 17,97 | 19,26 | 20,69 | 22,00 | 23,16 | -     | -     | -     | 0,25                                      | 0,97         | 1,36         | 1,45   |
| 3 000              | 10,45   | 12,15 | 13,76 | 15,30 | 16,75 | 18,12 | 19,39 | 20,79 | 22,05 | -     | -     | -     | -     | 0,25                                      | 1,00         | 1,41         | 1,50   |
| 3 100              | 10,55   | 12,27 | 13,89 | 15,43 | 16,88 | 18,23 | 19,48 | 20,84 | -     | -     | -     | -     | -     | 0,26                                      | 1,03         | 1,45         | 1,55   |
| 3 200              | 10,64   | 12,36 | 14,00 | 15,53 | 16,97 | 18,30 | 19,52 | -     | -     | -     | -     | -     | -     | 0,27                                      | 1,07         | 1,50         | 1,60   |
| 3 300              | 10,71   | 12,44 | 14,07 | 15,60 | 17,02 | 18,32 | -     | -     | -     | -     | -     | -     | -     | 0,28                                      | 1,10         | 1,55         | 1,65   |
| 3 400              | 10,75   | 12,49 | 14,12 | 15,64 | 17,04 | -     | -     | -     | -     | -     | -     | -     | -     | 0,29                                      | 1,13         | 1,59         | 1,70   |
| 3 500              | 10,78   | 12,52 | 14,15 | 15,64 | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,30                                      | 1,17         | 1,64         | 1,75   |
| 3 600              | 10,79   | 12,53 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,30                                      | 1,20         | 1,69         | 1,80   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

Power ratings  
Section SPC

Table 9i

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |              | Additional power per belt for speed ratio |              |        |  |
|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|---|--------------|--------|--|
|                    | 224   | 236   | 250   | 265   | 280   | 300   | 315   | 335   | 355   | 375   | 400   | 425   | 450   | 475   | 500   | 530   | 560   | 1,00 to 1,05 | 1,06 to 1,24                              | 1,25 to 1,59 | > 1,59 |  |
| r/min              | kW  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |              | kW  |              |        |  |
| 100                | 2,13  | 2,33  | 2,57  | 2,83  | 3,08  | 3,42  | 3,67  | 4,01  | 4,34  | 4,68  | 5,09  | 5,50  | 5,91  | 6,32  | 6,73  | 7,22  | 7,70  | 0,03         | 0,12                                      | 0,21         | 0,27   |  |
| 200                | 3,85  | 4,24  | 4,70  | 5,18  | 5,67  | 6,31  | 6,79  | 7,42  | 8,06  | 8,69  | 9,47  | 10,25 | 11,02 | 11,80 | 12,56 | 13,48 | 14,39 | 0,05         | 0,24                                      | 0,43         | 0,54   |  |
| 300                | 5,42  | 5,99  | 6,65  | 7,35  | 8,06  | 8,99  | 9,68  | 10,60 | 11,51 | 12,42 | 13,56 | 14,68 | 15,80 | 16,91 | 18,01 | 19,33 | 20,63 | 0,08         | 0,36                                      | 0,64         | 0,80   |  |
| 400                | 6,88  | 7,62  | 8,48  | 9,40  | 10,31 | 11,51 | 12,41 | 13,60 | 14,79 | 15,96 | 17,42 | 18,87 | 20,31 | 21,74 | 23,15 | 24,84 | 26,51 | 0,10         | 0,48                                      | 0,85         | 1,07   |  |
| 500                | 8,26  | 9,17  | 10,22 | 11,33 | 12,44 | 13,91 | 15,01 | 16,46 | 17,90 | 19,33 | 21,10 | 22,85 | 24,59 | 26,31 | 28,01 | 30,04 | 32,04 | 0,13         | 0,60                                      | 1,07         | 1,34   |  |
| 600                | 9,57  | 10,63 | 11,87 | 13,18 | 14,48 | 16,21 | 17,49 | 19,19 | 20,87 | 22,53 | 24,59 | 26,63 | 28,64 | 30,63 | 32,60 | 34,92 | 37,21 | 0,16         | 0,72                                      | 1,28         | 1,61   |  |
| 700                | 10,81   | 12,03 | 13,44 | 14,94 | 16,43 | 18,39 | 19,85 | 21,78 | 23,69 | 25,58 | 27,91 | 30,21 | 32,47 | 34,70 | 36,89 | 39,47 | 42,01 | 0,18         | 0,84                                      | 1,49         | 1,87   |  |
| 720                | 11,05   | 12,30 | 13,74 | 15,28 | 16,80 | 18,82 | 20,31 | 22,29 | 24,24 | 26,17 | 28,55 | 30,90 | 33,21 | 35,48 | 37,71 | 40,34 | 42,92 | 0,19         | 0,87                                      | 1,54         | 1,93   |  |
| 800                | 11,99   | 13,35 | 14,94 | 16,62 | 18,28 | 20,48 | 22,11 | 24,25 | 26,37 | 28,47 | 31,04 | 33,57 | 36,05 | 38,49 | 40,88 | 43,68 | 46,40 | 0,21         | 0,96                                      | 1,71         | 2,14   |  |
| 900                | 13,11   | 14,62 | 16,36 | 18,21 | 20,05 | 22,46 | 24,24 | 26,59 | 28,91 | 31,19 | 33,98 | 36,72 | 39,39 | 42,00 | 44,54 | 47,51 | 50,37 | 0,23         | 1,08                                      | 1,92         | 2,41   |  |
| 960                | 13,75   | 15,34 | 17,18 | 19,13 | 21,06 | 23,60 | 25,47 | 27,94 | 30,36 | 32,74 | 35,65 | 38,49 | 41,26 | 43,96 | 46,58 | 49,61 | 52,53 | 0,25         | 1,15                                      | 2,05         | 2,57   |  |
| 1 000              | 14,17   | 15,81 | 17,72 | 19,73 | 21,72 | 24,33 | 26,27 | 28,80 | 31,29 | 33,74 | 36,72 | 39,63 | 42,46 | 45,20 | 47,86 | 50,94 | 53,88 | 0,26         | 1,20                                      | 2,13         | 2,68   |  |
| 1 100              | 15,17   | 16,95 | 19,00 | 21,16 | 23,30 | 26,10 | 28,17 | 30,87 | 33,52 | 36,11 | 39,25 | 42,30 | 45,25 | 48,08 | 50,81 | 53,93 | 56,88 | 0,29         | 1,32                                      | 2,35         | 2,94   |  |
| 1 200              | 16,11   | 18,01 | 20,20 | 22,51 | 24,79 | 27,76 | 29,95 | 32,80 | 35,58 | 38,29 | 41,56 | 44,71 | 47,73 | 50,62 | 53,37 | 56,47 | 59,35 | 0,31         | 1,44                                      | 2,56         | 3,21   |  |
| 1 300              | 16,99   | 19,01 | 21,33 | 23,78 | 26,18 | 29,31 | 31,60 | 34,58 | 37,47 | 40,27 | 43,64 | 46,85 | 49,90 | 52,79 | 55,50 | 58,51 | 61,25 | 0,34         | 1,56                                      | 2,77         | 3,48   |  |
| 1 400              | 17,82   | 19,95 | 22,39 | 24,95 | 27,47 | 30,73 | 33,11 | 36,20 | 39,18 | 42,05 | 45,47 | 48,70 | 51,74 | 54,57 | 57,18 | 60,03 | 62,53 | 0,36         | 1,68                                      | 2,99         | 3,75   |  |
| 1 440              | 18,13   | 20,30 | 22,79 | 25,40 | 27,95 | 31,27 | 33,68 | 36,80 | 39,81 | 42,70 | 46,13 | 49,36 | 52,37 | 55,17 | 57,73 | 60,48 | 62,87 | 0,37         | 1,73                                      | 3,07         | 3,85   |  |
| 1 500              | 18,58   | 20,81 | 23,36 | 26,04 | 28,65 | 32,03 | 34,49 | 37,66 | 40,70 | 43,60 | 47,04 | 50,25 | 53,22 | 55,94 | 58,39 | 60,99 | -     | 0,39         | 1,80                                      | 3,20         | 4,01   |  |
| 1 600              | 19,27   | 21,60 | 24,25 | 27,03 | 29,73 | 33,20 | 35,72 | 38,95 | 42,02 | 44,93 | 48,34 | 51,47 | 54,32 | 56,87 | 59,10 | -     | -     | 0,42         | 1,92                                      | 3,41         | 4,28   |  |
| 1 700              | 19,90   | 22,31 | 25,06 | 27,92 | 30,69 | 34,24 | 36,80 | 40,05 | 43,13 | 46,02 | 49,35 | 52,35 | 55,02 | -     | -     | -     | -     | 0,44         | 2,04                                      | 3,63         | 4,55   |  |
| 1 800              | 20,47   | 22,95 | 25,78 | 28,71 | 31,53 | 35,14 | 37,72 | 40,98 | 44,02 | 46,85 | 50,05 | 52,88 | -     | -     | -     | -     | -     | 0,47         | 2,16                                      | 3,84         | 4,82   |  |
| 1 900              | 20,96   | 23,51 | 26,40 | 29,39 | 32,26 | 35,89 | 38,47 | 41,70 | 44,69 | 47,42 | 50,45 | -     | -     | -     | -     | -     | -     | 0,49         | 2,28                                      | 4,05         | 5,09   |  |
| 2 000              | 21,38   | 23,99 | 26,93 | 29,96 | 32,85 | 36,49 | 39,05 | 42,23 | 45,11 | 47,71 | 50,51 | -     | -     | -     | -     | -     | -     | 0,52         | 2,40                                      | 4,27         | 5,35   |  |
| 2 100              | 21,73   | 24,39 | 27,37 | 30,42 | 33,32 | 36,94 | 39,45 | 42,54 | 45,29 | 47,71 | -     | -     | -     | -     | -     | -     | -     | 0,55         | 2,53                                      | 4,48         | 5,62   |  |
| 2 200              | 22,00   | 24,69 | 27,70 | 30,76 | 33,65 | 37,22 | 39,67 | 42,63 | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,57         | 2,65                                      | 4,69         | 5,89   |  |
| 2 300              | 22,20   | 24,91 | 27,93 | 30,98 | 33,84 | 37,33 | 39,69 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,60         | 2,77                                      | 4,91         | 6,16   |  |
| 2 400              | 22,31   | 25,04 | 28,05 | 31,08 | 33,88 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,62         | 2,89                                      | 5,12         | 6,42   |  |
| 2 500              | 22,34   | 25,06 | 28,06 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,65         | 3,01                                      | 5,33         | 6,69   |  |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.



# Power ratings

## Section 8V

Table 9j

1

| Faster shaft speed | Rated power per belt for small pulley pitch diameter |              |              |              |              |              |              |              |              |              |              |              | Additional power per belt for speed ratio |                 |                 |        |  |
|--------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---|-----------------|-----------------|--------|--|
|                    | [in.]<br>[mm]  | 12.50<br>318 | 13.20<br>335 | 14.00<br>356 | 15.00<br>381 | 16.00<br>406 | 17.00<br>432 | 18.00<br>457 | 19.00<br>483 | 20.00<br>508 | 21.20<br>538 | 22.40<br>569 | 1.00 to<br>1.05                           | 1.06 to<br>1.24 | 1.25 to<br>1.59 | > 1.59 |  |
| r/min              | –  | kW           |              |              |              |              |              |              |              |              |              |              |   | kW              |                 |        |  |
| 50                 |  | 2,24         | 2,46         | 2,71         | 3,02         | 3,33         | 3,64         | 3,95         | 4,25         | 4,56         | 4,92         | 5,28         | 0,02                                      | 0,10            | 0,17            | 0,20   |  |
| 100                |  | 4,17         | 4,58         | 5,06         | 5,66         | 6,25         | 6,84         | 7,42         | 8,01         | 8,59         | 9,28         | 9,98         | 0,04                                      | 0,20            | 0,34            | 0,41   |  |
| 150                |  | 5,96         | 6,57         | 7,27         | 8,14         | 9,00         | 9,86         | 10,71        | 11,56        | 12,41        | 13,42        | 14,43        | 0,06                                      | 0,29            | 0,51            | 0,61   |  |
| 200                |  | 7,67         | 8,47         | 9,38         | 10,51        | 11,64        | 12,76        | 13,87        | 14,98        | 16,09        | 17,40        | 18,72        | 0,09                                      | 0,39            | 0,67            | 0,82   |  |
| 250                |  | 9,32         | 10,30        | 11,42        | 12,81        | 14,19        | 15,56        | 16,93        | 18,29        | 19,64        | 21,25        | 22,85        | 0,11                                      | 0,49            | 0,84            | 1,02   |  |
| 300                |  | 10,91        | 12,07        | 13,39        | 15,03        | 16,66        | 18,28        | 19,89        | 21,49        | 23,08        | 24,98        | 26,86        | 0,13                                      | 0,59            | 1,01            | 1,23   |  |
| 350                |  | 12,45        | 13,79        | 15,31        | 17,19        | 19,06        | 20,92        | 22,77        | 24,60        | 26,42        | 28,59        | 30,74        | 0,15                                      | 0,69            | 1,18            | 1,43   |  |
| 400                |  | 13,95        | 15,46        | 17,17        | 19,29        | 21,40        | 23,49        | 25,56        | 27,62        | 29,66        | 32,08        | 34,48        | 0,17                                      | 0,78            | 1,35            | 1,64   |  |
| 435                |  | 14,97        | 16,60        | 18,44        | 20,73        | 22,99        | 25,24        | 27,47        | 29,67        | 31,86        | 34,46        | 37,03        | 0,19                                      | 0,85            | 1,47            | 1,78   |  |
| 450                |  | 15,41        | 17,08        | 18,98        | 21,33        | 23,67        | 25,98        | 28,27        | 30,54        | 32,79        | 35,46        | 38,10        | 0,19                                      | 0,88            | 1,52            | 1,84   |  |
| 485                |  | 16,40        | 18,19        | 20,22        | 22,73        | 25,22        | 27,68        | 30,12        | 32,54        | 34,93        | 37,76        | 40,56        | 0,21                                      | 0,95            | 1,63            | 1,99   |  |
| 500                |  | 16,82        | 18,66        | 20,74        | 23,32        | 25,87        | 28,40        | 30,90        | 33,38        | 35,82        | 38,73        | 41,59        | 0,22                                      | 0,98            | 1,68            | 2,05   |  |
| 550                |  | 18,20        | 20,19        | 22,45        | 25,25        | 28,01        | 30,74        | 33,45        | 36,11        | 38,75        | 41,87        | 44,94        | 0,24                                      | 1,08            | 1,85            | 2,25   |  |
| 575                |  | 18,87        | 20,94        | 23,29        | 26,19        | 29,06        | 31,89        | 34,69        | 37,45        | 40,17        | 43,39        | 46,55        | 0,25                                      | 1,13            | 1,94            | 2,36   |  |
| 600                |  | 19,53        | 21,68        | 24,11        | 27,12        | 30,08        | 33,01        | 35,91        | 38,76        | 41,57        | 44,88        | 48,14        | 0,26                                      | 1,18            | 2,02            | 2,46   |  |
| 650                |  | 20,83        | 23,12        | 25,72        | 28,93        | 32,09        | 35,21        | 38,28        | 41,30        | 44,27        | 47,77        | 51,19        | 0,28                                      | 1,27            | 2,19            | 2,66   |  |
| 690                |  | 21,84        | 24,25        | 26,98        | 30,34        | 33,65        | 36,91        | 40,11        | 43,26        | 46,35        | 49,97        | 53,52        | 0,30                                      | 1,35            | 2,32            | 2,83   |  |
| 700                |  | 22,08        | 24,53        | 27,28        | 30,68        | 34,03        | 37,32        | 40,56        | 43,74        | 46,85        | 50,51        | 54,08        | 0,30                                      | 1,37            | 2,36            | 2,87   |  |
| 725                |  | 22,70        | 25,21        | 28,05        | 31,54        | 34,97        | 38,35        | 41,66        | 44,91        | 48,10        | 51,83        | 55,47        | 0,31                                      | 1,42            | 2,44            | 2,97   |  |
| 750                |  | 23,30        | 25,88        | 28,79        | 32,38        | 35,90        | 39,36        | 42,75        | 46,07        | 49,31        | 53,12        | 56,81        | 0,32                                      | 1,47            | 2,53            | 3,07   |  |
| 800                |  | 24,48        | 27,19        | 30,25        | 34,01        | 37,70        | 41,31        | 44,84        | 48,28        | 51,65        | 55,57        | 59,36        | 0,35                                      | 1,57            | 2,70            | 3,28   |  |
| 850                |  | 25,62        | 28,46        | 31,66        | 35,58        | 39,42        | 43,17        | 46,82        | 50,39        | 53,85        | 57,87        | 61,74        | 0,37                                      | 1,67            | 2,86            | 3,48   |  |
| 870                |  | 26,06        | 28,95        | 32,20        | 36,19        | 40,09        | 43,89        | 47,59        | 51,19        | 54,69        | 58,74        | 62,63        | 0,38                                      | 1,71            | 2,93            | 3,57   |  |
| 900                |  | 26,71        | 29,68        | 33,01        | 37,09        | 41,06        | 44,94        | 48,71        | 52,37        | 55,91        | 60,00        | 63,92        | 0,39                                      | 1,77            | 3,03            | 3,69   |  |
| 950                |  | 27,76        | 30,84        | 34,30        | 38,52        | 42,63        | 46,62        | 50,49        | 54,22        | 57,83        | 61,97        | 65,91        | 0,41                                      | 1,86            | 3,20            | 3,89   |  |
| 1 000              |  | 28,77        | 31,96        | 35,54        | 39,89        | 44,11        | 48,20        | 52,15        | 55,95        | 59,60        | 63,76        | 67,69        | 0,43                                      | 1,96            | 3,37            | 4,10   |  |
| 1 050              |  | 29,74        | 33,03        | 36,71        | 41,19        | 45,51        | 49,69        | 53,70        | 57,54        | 61,21        | 65,37        | 69,25        | 0,45                                      | 2,06            | 3,54            | 4,30   |  |
| 1 100              |  | 30,65        | 34,05        | 37,83        | 42,41        | 46,82        | 51,06        | 55,12        | 58,99        | 62,66        | 66,78        | 70,60        | 0,48                                      | 2,16            | 3,71            | 4,51   |  |
| 1 150              |  | 31,53        | 35,01        | 38,88        | 43,56        | 48,05        | 52,34        | 56,42        | 60,29        | 63,94        | 68,00        | 71,71        | 0,50                                      | 2,26            | 3,87            | 4,71   |  |
| 1 160              |  | 31,70        | 35,19        | 39,08        | 43,78        | 48,28        | 52,58        | 56,67        | 60,54        | 64,17        | 68,22        | 71,90        | 0,50                                      | 2,27            | 3,91            | 4,75   |  |
| 1 200              |  | 32,35        | 35,91        | 39,87        | 44,63        | 49,17        | 53,50        | 57,60        | 61,45        | 65,04        | 69,01        | 72,58        | 0,52                                      | 2,35            | 4,04            | 4,92   |  |
| 1 250              |  | 33,13        | 36,76        | 40,79        | 45,61        | 50,21        | 54,55        | 58,63        | 62,44        | 65,97        | 69,81        | 73,20        | 0,54                                      | 2,45            | 4,21            | 5,12   |  |
| 1 300              |  | 33,85        | 37,55        | 41,64        | 46,52        | 51,14        | 55,48        | 59,53        | 63,28        | 66,71        | 70,39        | 73,56        | 0,56                                      | 2,55            | 4,38            | 5,33   |  |
| 1 350              |  | 34,52        | 38,28        | 42,42        | 47,34        | 51,97        | 56,29        | 60,29        | 63,95        | 67,26        | 70,74        | 73,65        | 0,58                                      | 2,65            | 4,55            | 5,53   |  |
| 1 400              |  | 35,14        | 38,95        | 43,13        | 48,07        | 52,69        | 56,98        | 60,90        | 64,45        | 67,61        | 70,85        | –            | 0,61                                      | 2,75            | 4,72            | 5,74   |  |
| 1 425              |  | 35,43        | 39,26        | 43,45        | 48,41        | 53,02        | 57,27        | 61,15        | 64,63        | 67,70        | –            | –            | 0,62                                      | 2,79            | 4,80            | 5,84   |  |
| 1 450              |  | 35,71        | 39,56        | 43,76        | 48,71        | 53,31        | 57,53        | 61,36        | 64,77        | 67,75        | –            | –            | 0,63                                      | 2,84            | 4,89            | 5,94   |  |
| 1 500              |  | 36,21        | 40,10        | 44,32        | 49,26        | 53,82        | 57,96        | 61,66        | 64,91        | –            | –            | –            | 0,65                                      | 2,94            | 5,05            | 6,15   |  |
| 1 550              |  | 36,67        | 40,57        | 44,80        | 49,72        | 54,21        | 58,24        | 61,80        | –            | –            | –            | –            | 0,67                                      | 3,04            | 5,22            | 6,35   |  |
| 1 600              |  | 37,06        | 40,98        | 45,20        | 50,07        | 54,48        | 58,39        | –            | –            | –            | –            | –            | 0,69                                      | 3,14            | 5,39            | 6,56   |  |
| 1 650              |  | 37,39        | 41,31        | 45,52        | 50,33        | 54,63        | 58,39        | –            | –            | –            | –            | –            | 0,71                                      | 3,24            | 5,56            | 6,76   |  |
| 1 700              |  | 37,67        | 41,58        | 45,75        | 50,48        | 54,66        | –            | –            | –            | –            | –            | –            | 0,74                                      | 3,33            | 5,73            | 6,97   |  |
| 1 750              |  | 37,88        | 41,77        | 45,89        | 50,53        | –            | –            | –            | –            | –            | –            | –            | 0,76                                      | 3,43            | 5,90            | 7,17   |  |
| 1 800              |  | 38,02        | 41,89        | 45,95        | –            | –            | –            | –            | –            | –            | –            | –            | 0,78                                      | 3,53            | 6,06            | 7,38   |  |
| 1 850              |  | 38,10        | 41,93        | –            | –            | –            | –            | –            | –            | –            | –            | –            | 0,80                                      | 3,63            | 6,23            | 7,58   |  |
| 1 900              |  | 38,11        | –            | –            | –            | –            | –            | –            | –            | –            | –            | –            | 0,82                                      | 3,73            | 6,40            | 7,79   |  |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings

## Section ZX

Table 9k

| Faster speed | Rated power per belt for small pulley datum diameter [mm] |      |      |      |      |      |      |      |      |      |      |      | Additional power per belt for speed ratio |                         |                         |             |
|--------------|---|------|------|------|------|------|------|------|------|------|------|------|---|-------------------------|-------------------------|-------------|
|              | 67  | 71   | 75   | 80   | 85   | 90   | 95   | 100  | 112  | 125  | 132  | 140  | 1.025<br>1.00 to<br>1.05                  | 1.15<br>1.06 to<br>1.24 | 1.42<br>1.25 to<br>1.59 | 2<br>> 1.59 |
| r/min        | kW  |      |      |      |      |      |      |      |      |      |      |      | kW  |                         |                         |             |
| 100          | 0,08  | 0,09 | 0,09 | 0,10 | 0,11 | 0,12 | 0,13 | 0,13 | 0,15 | 0,17 | 0,18 | 0,20 | 0,00                                      | 0,00                    | 0,01                    | 0,01        |
| 500          | 0,31  | 0,34 | 0,36 | 0,40 | 0,43 | 0,46 | 0,50 | 0,53 | 0,61 | 0,69 | 0,73 | 0,78 | 0,00                                      | 0,01                    | 0,03                    | 0,04        |
| 720          | 0,41  | 0,45 | 0,49 | 0,53 | 0,58 | 0,63 | 0,67 | 0,72 | 0,82 | 0,94 | 1,00 | 1,06 | 0,00                                      | 0,02                    | 0,04                    | 0,05        |
| 800          | 0,45  | 0,49 | 0,53 | 0,58 | 0,63 | 0,68 | 0,73 | 0,78 | 0,90 | 1,02 | 1,09 | 1,16 | 0,00                                      | 0,02                    | 0,04                    | 0,06        |
| 900          | 0,49  | 0,54 | 0,58 | 0,64 | 0,69 | 0,75 | 0,80 | 0,86 | 0,99 | 1,13 | 1,20 | 1,28 | 0,00                                      | 0,02                    | 0,05                    | 0,07        |
| 960          | 0,52  | 0,57 | 0,61 | 0,67 | 0,73 | 0,79 | 0,85 | 0,91 | 1,04 | 1,19 | 1,26 | 1,35 | 0,01                                      | 0,03                    | 0,05                    | 0,07        |
| 1 000        | 0,53  | 0,58 | 0,63 | 0,70 | 0,76 | 0,82 | 0,88 | 0,94 | 1,08 | 1,23 | 1,31 | 1,40 | 0,01                                      | 0,03                    | 0,05                    | 0,07        |
| 1 100        | 0,58  | 0,63 | 0,68 | 0,75 | 0,82 | 0,88 | 0,95 | 1,01 | 1,16 | 1,33 | 1,41 | 1,51 | 0,01                                      | 0,03                    | 0,06                    | 0,08        |
| 1 200        | 0,61  | 0,67 | 0,73 | 0,80 | 0,87 | 0,94 | 1,01 | 1,08 | 1,25 | 1,42 | 1,52 | 1,62 | 0,01                                      | 0,03                    | 0,06                    | 0,09        |
| 1 300        | 0,65  | 0,72 | 0,78 | 0,86 | 0,93 | 1,01 | 1,08 | 1,16 | 1,33 | 1,52 | 1,62 | 1,73 | 0,01                                      | 0,03                    | 0,07                    | 0,10        |
| 1 400        | 0,69  | 0,76 | 0,82 | 0,91 | 0,99 | 1,07 | 1,15 | 1,23 | 1,41 | 1,61 | 1,72 | 1,84 | 0,01                                      | 0,04                    | 0,07                    | 0,10        |
| 1 440        | 0,71  | 0,77 | 0,84 | 0,93 | 1,01 | 1,09 | 1,17 | 1,25 | 1,44 | 1,65 | 1,76 | 1,88 | 0,01                                      | 0,04                    | 0,07                    | 0,11        |
| 1 500        | 0,73  | 0,80 | 0,87 | 0,96 | 1,04 | 1,13 | 1,21 | 1,29 | 1,49 | 1,70 | 1,81 | 1,94 | 0,01                                      | 0,04                    | 0,08                    | 0,11        |
| 1 600        | 0,76  | 0,84 | 0,91 | 1,00 | 1,10 | 1,18 | 1,27 | 1,36 | 1,57 | 1,79 | 1,91 | 2,04 | 0,01                                      | 0,04                    | 0,08                    | 0,12        |
| 1 700        | 0,80  | 0,88 | 0,96 | 1,05 | 1,15 | 1,24 | 1,34 | 1,43 | 1,65 | 1,88 | 2,00 | 2,14 | 0,01                                      | 0,04                    | 0,09                    | 0,13        |
| 1 800        | 0,83  | 0,92 | 1,00 | 1,10 | 1,20 | 1,30 | 1,40 | 1,49 | 1,72 | 1,97 | 2,10 | 2,24 | 0,01                                      | 0,05                    | 0,09                    | 0,13        |
| 1 900        | 0,87  | 0,95 | 1,04 | 1,15 | 1,25 | 1,35 | 1,46 | 1,56 | 1,80 | 2,05 | 2,19 | 2,34 | 0,01                                      | 0,05                    | 0,10                    | 0,14        |
| 2 000        | 0,90  | 0,99 | 1,08 | 1,19 | 1,30 | 1,41 | 1,51 | 1,62 | 1,87 | 2,14 | 2,28 | 2,43 | 0,01                                      | 0,05                    | 0,10                    | 0,15        |
| 2 100        | 0,93  | 1,03 | 1,12 | 1,24 | 1,35 | 1,46 | 1,57 | 1,68 | 1,94 | 2,22 | 2,36 | 2,53 | 0,01                                      | 0,05                    | 0,11                    | 0,16        |
| 2 200        | 0,97  | 1,06 | 1,16 | 1,28 | 1,40 | 1,51 | 1,63 | 1,74 | 2,01 | 2,30 | 2,45 | 2,62 | 0,01                                      | 0,06                    | 0,11                    | 0,16        |
| 2 300        | 1,00  | 1,10 | 1,20 | 1,32 | 1,44 | 1,57 | 1,68 | 1,80 | 2,08 | 2,38 | 2,53 | 2,71 | 0,01                                      | 0,06                    | 0,12                    | 0,17        |
| 2 400        | 1,03  | 1,13 | 1,24 | 1,36 | 1,49 | 1,62 | 1,74 | 1,86 | 2,15 | 2,46 | 2,62 | 2,80 | 0,01                                      | 0,06                    | 0,12                    | 0,18        |
| 2 500        | 1,06  | 1,17 | 1,27 | 1,41 | 1,54 | 1,67 | 1,79 | 1,92 | 2,22 | 2,53 | 2,70 | 2,89 | 0,01                                      | 0,07                    | 0,13                    | 0,19        |
| 2 600        | 1,09  | 1,20 | 1,31 | 1,45 | 1,58 | 1,72 | 1,85 | 1,98 | 2,29 | 2,61 | 2,78 | 2,97 | 0,01                                      | 0,07                    | 0,14                    | 0,19        |
| 2 700        | 1,12  | 1,23 | 1,35 | 1,49 | 1,63 | 1,76 | 1,90 | 2,03 | 2,35 | 2,68 | 2,86 | 3,06 | 0,01                                      | 0,07                    | 0,14                    | 0,20        |
| 2 800        | 1,15  | 1,26 | 1,38 | 1,53 | 1,67 | 1,81 | 1,95 | 2,09 | 2,42 | 2,76 | 2,94 | 3,14 | 0,01                                      | 0,07                    | 0,15                    | 0,21        |
| 2 880        | 1,17  | 1,29 | 1,41 | 1,56 | 1,70 | 1,85 | 1,99 | 2,13 | 2,47 | 2,82 | 3,00 | 3,21 | 0,02                                      | 0,08                    | 0,15                    | 0,21        |
| 2 900        | 1,17  | 1,30 | 1,42 | 1,57 | 1,71 | 1,86 | 2,00 | 2,14 | 2,48 | 2,83 | 3,02 | 3,22 | 0,02                                      | 0,08                    | 0,15                    | 0,22        |
| 3 000        | 1,20  | 1,33 | 1,45 | 1,60 | 1,76 | 1,91 | 2,05 | 2,20 | 2,54 | 2,90 | 3,09 | 3,30 | 0,02                                      | 0,08                    | 0,16                    | 0,22        |
| 3 100        | 1,23  | 1,36 | 1,49 | 1,64 | 1,80 | 1,95 | 2,10 | 2,25 | 2,60 | 2,97 | 3,17 | 3,38 | 0,02                                      | 0,08                    | 0,16                    | 0,23        |
| 3 200        | 1,26  | 1,39 | 1,52 | 1,68 | 1,84 | 2,00 | 2,15 | 2,30 | 2,66 | 3,04 | 3,24 | 3,46 | 0,02                                      | 0,08                    | 0,17                    | 0,24        |
| 3 300        | 1,28  | 1,42 | 1,55 | 1,72 | 1,88 | 2,04 | 2,20 | 2,36 | 2,72 | 3,11 | 3,31 | 3,54 | 0,02                                      | 0,09                    | 0,17                    | 0,25        |
| 3 400        | 1,31  | 1,45 | 1,58 | 1,75 | 1,92 | 2,08 | 2,25 | 2,41 | 2,78 | 3,18 | 3,38 | 3,61 | 0,02                                      | 0,09                    | 0,18                    | 0,25        |
| 3 500        | 1,33  | 1,48 | 1,62 | 1,79 | 1,96 | 2,13 | 2,29 | 2,46 | 2,84 | 3,24 | 3,45 | 3,69 | 0,02                                      | 0,09                    | 0,18                    | 0,26        |
| 3 600        | 1,36  | 1,50 | 1,65 | 1,82 | 2,00 | 2,17 | 2,34 | 2,51 | 2,90 | 3,31 | 3,52 | 3,76 | 0,02                                      | 0,09                    | 0,19                    | 0,27        |
| 3 700        | 1,38  | 1,53 | 1,68 | 1,86 | 2,04 | 2,21 | 2,39 | 2,56 | 2,95 | 3,37 | 3,59 | 3,83 | 0,02                                      | 0,10                    | 0,19                    | 0,28        |
| 3 800        | 1,41  | 1,56 | 1,71 | 1,89 | 2,07 | 2,25 | 2,43 | 2,60 | 3,01 | 3,43 | 3,65 | 3,90 | 0,02                                      | 0,10                    | 0,20                    | 0,28        |
| 3 900        | 1,43  | 1,59 | 1,74 | 1,93 | 2,11 | 2,29 | 2,47 | 2,65 | 3,06 | 3,49 | 3,72 | 3,97 | 0,02                                      | 0,10                    | 0,20                    | 0,29        |
| 4 000        | 1,46  | 1,61 | 1,77 | 1,96 | 2,15 | 2,33 | 2,52 | 2,70 | 3,12 | 3,56 | 3,78 | 4,04 | 0,02                                      | 0,10                    | 0,21                    | 0,30        |
| 4 200        | 1,50  | 1,67 | 1,83 | 2,03 | 2,22 | 2,41 | 2,60 | 2,79 | 3,22 | 3,67 | 3,91 | 4,17 | 0,02                                      | 0,11                    | 0,22                    | 0,31        |
| 4 400        | 1,55  | 1,72 | 1,88 | 2,09 | 2,29 | 2,49 | 2,68 | 2,88 | 3,32 | 3,79 | 4,03 | 4,29 | 0,02                                      | 0,12                    | 0,23                    | 0,33        |
| 4 600        | 1,59  | 1,77 | 1,94 | 2,15 | 2,36 | 2,56 | 2,76 | 2,96 | 3,42 | 3,90 | 4,14 | 4,41 | 0,02                                      | 0,12                    | 0,24                    | 0,34        |
| 4 800        | 1,63  | 1,81 | 1,99 | 2,21 | 2,42 | 2,63 | 2,84 | 3,04 | 3,51 | 4,00 | 4,25 | 4,53 | 0,03                                      | 0,13                    | 0,25                    | 0,36        |
| 5 000        | 1,67  | 1,86 | 2,04 | 2,27 | 2,49 | 2,70 | 2,92 | 3,12 | 3,61 | 4,10 | 4,35 | 4,64 | 0,03                                      | 0,13                    | 0,26                    | 0,37        |
| 5 200        | 1,71  | 1,90 | 2,09 | 2,32 | 2,55 | 2,77 | 2,99 | 3,20 | 3,69 | 4,20 | 4,45 | 4,74 | 0,03                                      | 0,14                    | 0,27                    | 0,39        |
| 5 400        | 1,75  | 1,95 | 2,14 | 2,38 | 2,61 | 2,84 | 3,06 | 3,28 | 3,78 | 4,29 | 4,55 | 4,84 | 0,03                                      | 0,14                    | 0,28                    | 0,40        |
| 5 600        | 1,79  | 1,99 | 2,19 | 2,43 | 2,67 | 2,90 | 3,12 | 3,35 | 3,86 | 4,38 | 4,64 | 4,93 | 0,03                                      | 0,15                    | 0,29                    | 0,42        |
| 5 800        | 1,82  | 2,03 | 2,23 | 2,48 | 2,72 | 2,96 | 3,19 | 3,42 | 3,93 | 4,46 | 4,72 | 5,01 | 0,03                                      | 0,15                    | 0,30                    | 0,43        |
| 6 000        | 1,85  | 2,07 | 2,27 | 2,53 | 2,77 | 3,02 | 3,25 | 3,48 | 4,01 | 4,54 | 4,80 | -    | 0,03                                      | 0,16                    | 0,31                    | 0,45        |
| 6 200        | 1,89  | 2,10 | 2,31 | 2,57 | 2,83 | 3,07 | 3,31 | 3,54 | 4,08 | 4,61 | -    | -    | 0,03                                      | 0,16                    | 0,32                    | 0,46        |
| 6 400        | 1,92  | 2,14 | 2,35 | 2,62 | 2,88 | 3,13 | 3,37 | 3,61 | 4,14 | 4,68 | -    | -    | 0,03                                      | 0,17                    | 0,33                    | 0,48        |
| 6 600        | 1,95  | 2,17 | 2,39 | 2,66 | 2,92 | 3,18 | 3,42 | 3,66 | 4,21 | -    | -    | -    | 0,03                                      | 0,17                    | 0,34                    | 0,49        |
| 6 800        | 1,98  | 2,21 | 2,43 | 2,70 | 2,97 | 3,23 | 3,48 | 3,72 | 4,26 | -    | -    | -    | 0,04                                      | 0,18                    | 0,35                    | 0,51        |
| 7 000        | 2,00  | 2,24 | 2,46 | 2,74 | 3,01 | 3,27 | 3,53 | 3,77 | 4,32 | -    | -    | -    | 0,04                                      | 0,18                    | 0,36                    | 0,52        |
| 7 200        | 2,03  | 2,27 | 2,50 | 2,78 | 3,05 | 3,32 | 3,57 | 3,82 | 4,37 | -    | -    | -    | 0,04                                      | 0,19                    | 0,37                    | 0,54        |
| 7 400        | 2,05  | 2,30 | 2,53 | 2,82 | 3,09 | 3,36 | 3,62 | 3,86 | -    | -    | -    | -    | 0,04                                      | 0,19                    | 0,39                    | 0,55        |
| 7 600        | 2,08  | 2,32 | 2,56 | 2,85 | 3,13 | 3,40 | 3,66 | 3,91 | -    | -    | -    | -    | 0,04                                      | 0,20                    | 0,40                    | 0,57        |
| 7 800        | 2,10  | 2,35 | 2,59 | 2,88 | 3,16 | 3,44 | 3,70 | 3,95 | -    | -    | -    | -    | 0,04                                      | 0,20                    | 0,41                    | 0,58        |
| 8 000        | 2,12  | 2,37 | 2,62 | 2,91 | 3,20 | 3,47 | 3,73 | 3,98 | -    | -    | -    | -    | 0,04                                      | 0,21                    | 0,42                    | 0,60        |
| 8 200        | 2,14  | 2,40 | 2,64 | 2,94 | 3,23 | 3,50 | 3,77 | -    | -    | -    | -    | -    | 0,04                                      | 0,21                    | 0,43                    | 0,61        |
| 8 400        | 2,16  | 2,42 | 2,67 | 2,97 | 3,26 | 3,53 | 3,80 | -    | -    | -    | -    | -    | 0,04                                      | 0,22                    | 0,44                    | 0,62        |
| 8 600        | 2,18  | 2,44 | 2,69 | 2,99 | 3,29 | 3,56 | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,22                    | 0,45                    | 0,64        |
| 8 800        | 2,19  | 2,46 | 2,71 | 3,02 | 3,31 | 3,59 | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,23                    | 0,46                    | 0,65        |
| 9 000        | 2,21  | 2,47 | 2,73 | 3,04 | 3,33 | 3,61 | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,24                    | 0,47                    | 0,67        |
| 9 200        | 2,22  | 2,49 | 2,75 | 3,06 | 3,35 | -    | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,24                    | 0,48                    | 0,68        |
| 9 400        | 2,23  | 2,50 | 2,76 | 3,08 | 3,37 | -    | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,25                    | 0,49                    | 0,70        |
| 9 600        | 2,24  | 2,52 | 2,78 | 3,09 | -    | -    | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,25                    | 0,50                    | 0,71        |
| 9 800        | 2,25  | 2,53 | 2,79 | 3,11 | -    | -    | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,26                    | 0,51                    | 0,73        |
| 10 000       | 2,26  | 2,54 | 2,80 | 3,12 | -    | -    | -    | -    | -    | -    | -    | -    | 0,05                                      | 0,26                    | 0,52                    | 0,74        |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings

## Section AX

Table 9I



| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |      |      |      |      |      |      |      |      |      |      | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|------|------|------|------|------|------|------|------|------|------|---|--------------|--------------|--------|
|                    | 80  | 85   | 90   | 95   | 100  | 106  | 112  | 118  | 125  | 132  | 140  | 1,00 to 1,05                              | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |      |      |      |      |      |      |      |      |      |      | kW  |              |              |        |
| 100                | 0,20  | 0,22 | 0,24 | 0,26 | 0,28 | 0,31 | 0,33 | 0,36 | 0,38 | 0,41 | 0,44 | 0,00                                      | 0,01         | 0,02         | 0,02   |
| 200                | 0,37  | 0,41 | 0,44 | 0,48 | 0,52 | 0,56 | 0,61 | 0,65 | 0,71 | 0,76 | 0,82 | 0,00                                      | 0,02         | 0,03         | 0,04   |
| 300                | 0,52  | 0,57 | 0,63 | 0,68 | 0,74 | 0,80 | 0,87 | 0,93 | 1,01 | 1,08 | 1,16 | 0,01                                      | 0,03         | 0,05         | 0,07   |
| 400                | 0,66  | 0,73 | 0,80 | 0,87 | 0,94 | 1,02 | 1,11 | 1,19 | 1,29 | 1,39 | 1,50 | 0,01                                      | 0,04         | 0,07         | 0,09   |
| 500                | 0,79  | 0,87 | 0,96 | 1,05 | 1,14 | 1,24 | 1,34 | 1,44 | 1,56 | 1,68 | 1,81 | 0,01                                      | 0,05         | 0,09         | 0,11   |
| 600                | 0,91  | 1,02 | 1,12 | 1,22 | 1,32 | 1,44 | 1,56 | 1,68 | 1,82 | 1,96 | 2,12 | 0,01                                      | 0,06         | 0,10         | 0,13   |
| 700                | 1,03  | 1,15 | 1,27 | 1,39 | 1,50 | 1,64 | 1,78 | 1,92 | 2,08 | 2,24 | 2,42 | 0,01                                      | 0,07         | 0,12         | 0,15   |
| 720                | 1,06  | 1,18 | 1,30 | 1,42 | 1,54 | 1,68 | 1,82 | 1,96 | 2,13 | 2,29 | 2,48 | 0,01                                      | 0,07         | 0,12         | 0,16   |
| 800                | 1,15  | 1,28 | 1,41 | 1,55 | 1,68 | 1,84 | 1,99 | 2,15 | 2,33 | 2,50 | 2,71 | 0,02                                      | 0,08         | 0,14         | 0,17   |
| 900                | 1,26  | 1,41 | 1,56 | 1,70 | 1,85 | 2,02 | 2,20 | 2,37 | 2,57 | 2,76 | 2,99 | 0,02                                      | 0,09         | 0,16         | 0,20   |
| 960                | 1,32  | 1,48 | 1,64 | 1,79 | 1,95 | 2,13 | 2,32 | 2,50 | 2,71 | 2,92 | 3,15 | 0,02                                      | 0,09         | 0,17         | 0,21   |
| 1 000              | 1,37  | 1,53 | 1,69 | 1,85 | 2,01 | 2,20 | 2,39 | 2,58 | 2,80 | 3,02 | 3,26 | 0,02                                      | 0,10         | 0,17         | 0,22   |
| 1 100              | 1,47  | 1,65 | 1,83 | 2,00 | 2,18 | 2,38 | 2,59 | 2,79 | 3,03 | 3,26 | 3,53 | 0,02                                      | 0,11         | 0,19         | 0,24   |
| 1 200              | 1,57  | 1,77 | 1,96 | 2,15 | 2,33 | 2,56 | 2,78 | 3,00 | 3,25 | 3,50 | 3,79 | 0,02                                      | 0,12         | 0,21         | 0,26   |
| 1 300              | 1,67  | 1,88 | 2,08 | 2,29 | 2,49 | 2,73 | 2,96 | 3,20 | 3,47 | 3,74 | 4,05 | 0,03                                      | 0,13         | 0,22         | 0,28   |
| 1 400              | 1,77  | 1,99 | 2,21 | 2,42 | 2,64 | 2,89 | 3,14 | 3,39 | 3,68 | 3,97 | 4,29 | 0,03                                      | 0,13         | 0,24         | 0,30   |
| 1 440              | 1,81  | 2,03 | 2,25 | 2,48 | 2,69 | 2,96 | 3,21 | 3,47 | 3,77 | 4,06 | 4,39 | 0,03                                      | 0,14         | 0,25         | 0,31   |
| 1 500              | 1,86  | 2,10 | 2,33 | 2,56 | 2,78 | 3,05 | 3,32 | 3,58 | 3,89 | 4,19 | 4,54 | 0,03                                      | 0,14         | 0,26         | 0,33   |
| 1 600              | 1,96  | 2,20 | 2,44 | 2,69 | 2,92 | 3,21 | 3,49 | 3,77 | 4,09 | 4,41 | 4,77 | 0,03                                      | 0,15         | 0,28         | 0,35   |
| 1 700              | 2,04  | 2,30 | 2,56 | 2,81 | 3,06 | 3,36 | 3,66 | 3,95 | 4,29 | 4,63 | 5,00 | 0,04                                      | 0,16         | 0,29         | 0,37   |
| 1 800              | 2,13  | 2,40 | 2,67 | 2,94 | 3,20 | 3,51 | 3,82 | 4,13 | 4,48 | 4,83 | 5,23 | 0,04                                      | 0,17         | 0,31         | 0,39   |
| 1 900              | 2,21  | 2,50 | 2,78 | 3,06 | 3,33 | 3,66 | 3,98 | 4,30 | 4,67 | 5,04 | 5,45 | 0,04                                      | 0,18         | 0,33         | 0,41   |
| 2 000              | 2,30  | 2,59 | 2,89 | 3,18 | 3,46 | 3,80 | 4,14 | 4,47 | 4,86 | 5,23 | 5,66 | 0,04                                      | 0,19         | 0,34         | 0,44   |
| 2 100              | 2,38  | 2,68 | 2,99 | 3,29 | 3,59 | 3,94 | 4,29 | 4,64 | 5,03 | 5,42 | 5,86 | 0,04                                      | 0,20         | 0,36         | 0,46   |
| 2 200              | 2,45  | 2,77 | 3,09 | 3,40 | 3,71 | 4,08 | 4,44 | 4,80 | 5,21 | 5,61 | 6,06 | 0,05                                      | 0,21         | 0,38         | 0,48   |
| 2 300              | 2,53  | 2,86 | 3,19 | 3,51 | 3,83 | 4,21 | 4,58 | 4,95 | 5,38 | 5,79 | 6,26 | 0,05                                      | 0,22         | 0,40         | 0,50   |
| 2 400              | 2,60  | 2,94 | 3,28 | 3,62 | 3,95 | 4,34 | 4,73 | 5,10 | 5,54 | 5,97 | 6,44 | 0,05                                      | 0,23         | 0,41         | 0,52   |
| 2 500              | 2,67  | 3,03 | 3,38 | 3,72 | 4,06 | 4,47 | 4,86 | 5,25 | 5,70 | 6,14 | 6,62 | 0,05                                      | 0,24         | 0,43         | 0,54   |
| 2 600              | 2,74  | 3,11 | 3,47 | 3,82 | 4,17 | 4,59 | 4,99 | 5,39 | 5,85 | 6,30 | 6,80 | 0,05                                      | 0,25         | 0,45         | 0,57   |
| 2 700              | 2,81  | 3,18 | 3,55 | 3,92 | 4,28 | 4,70 | 5,12 | 5,53 | 6,00 | 6,46 | 6,96 | 0,06                                      | 0,26         | 0,47         | 0,59   |
| 2 800              | 2,87  | 3,26 | 3,64 | 4,01 | 4,38 | 4,82 | 5,25 | 5,66 | 6,14 | 6,61 | 7,12 | 0,06                                      | 0,27         | 0,48         | 0,61   |
| 2 880              | 2,92  | 3,32 | 3,71 | 4,09 | 4,46 | 4,91 | 5,34 | 5,77 | 6,25 | 6,72 | 7,25 | 0,06                                      | 0,28         | 0,50         | 0,63   |
| 2 900              | 2,94  | 3,33 | 3,72 | 4,11 | 4,48 | 4,93 | 5,37 | 5,79 | 6,28 | 6,75 | 7,28 | 0,06                                      | 0,28         | 0,50         | 0,63   |
| 3 000              | 3,00  | 3,40 | 3,80 | 4,20 | 4,58 | 5,04 | 5,48 | 5,92 | 6,41 | 6,89 | 7,42 | 0,06                                      | 0,29         | 0,52         | 0,65   |
| 3 100              | 3,06  | 3,47 | 3,88 | 4,28 | 4,68 | 5,14 | 5,59 | 6,04 | 6,54 | 7,03 | 7,56 | 0,06                                      | 0,30         | 0,53         | 0,67   |
| 3 200              | 3,11  | 3,54 | 3,95 | 4,36 | 4,77 | 5,24 | 5,70 | 6,15 | 6,66 | 7,15 | 7,69 | 0,07                                      | 0,31         | 0,55         | 0,70   |
| 3 300              | 3,17  | 3,60 | 4,03 | 4,44 | 4,85 | 5,33 | 5,80 | 6,26 | 6,77 | 7,27 | 7,82 | 0,07                                      | 0,32         | 0,57         | 0,72   |
| 3 400              | 3,22  | 3,66 | 4,09 | 4,52 | 4,94 | 5,43 | 5,90 | 6,36 | 6,88 | 7,39 | 7,93 | 0,07                                      | 0,33         | 0,59         | 0,74   |
| 3 500              | 3,27  | 3,72 | 4,16 | 4,59 | 5,02 | 5,51 | 5,99 | 6,46 | 6,99 | 7,49 | 8,04 | 0,07                                      | 0,34         | 0,60         | 0,76   |
| 3 600              | 3,32  | 3,78 | 4,22 | 4,66 | 5,09 | 5,60 | 6,08 | 6,55 | 7,08 | 7,59 | 8,14 | 0,07                                      | 0,35         | 0,62         | 0,78   |
| 3 700              | 3,36  | 3,83 | 4,29 | 4,73 | 5,17 | 5,68 | 6,17 | 6,64 | 7,18 | 7,69 | 8,24 | 0,08                                      | 0,36         | 0,64         | 0,81   |
| 3 800              | 3,40  | 3,88 | 4,34 | 4,80 | 5,24 | 5,75 | 6,25 | 6,73 | 7,26 | 7,77 | 8,32 | 0,08                                      | 0,37         | 0,65         | 0,83   |
| 3 900              | 3,45  | 3,93 | 4,40 | 4,86 | 5,30 | 5,82 | 6,32 | 6,80 | 7,34 | 7,85 | 8,40 | 0,08                                      | 0,38         | 0,67         | 0,85   |
| 4 000              | 3,49  | 3,97 | 4,45 | 4,91 | 5,37 | 5,89 | 6,39 | 6,88 | 7,41 | 7,92 | 8,46 | 0,08                                      | 0,39         | 0,69         | 0,87   |
| 4 100              | 3,52  | 4,02 | 4,50 | 4,97 | 5,42 | 5,95 | 6,46 | 6,94 | 7,48 | 7,99 | 8,52 | 0,09                                      | 0,40         | 0,71         | 0,89   |
| 4 200              | 3,56  | 4,06 | 4,55 | 5,02 | 5,48 | 6,01 | 6,52 | 7,00 | 7,54 | 8,04 | 8,57 | 0,09                                      | 0,40         | 0,72         | 0,91   |
| 4 300              | 3,59  | 4,10 | 4,59 | 5,07 | 5,53 | 6,06 | 6,57 | 7,06 | 7,59 | 8,09 | 8,61 | 0,09                                      | 0,41         | 0,74         | 0,94   |
| 4 400              | 3,62  | 4,13 | 4,63 | 5,11 | 5,58 | 6,11 | 6,62 | 7,11 | 7,64 | 8,13 | 8,65 | 0,09                                      | 0,42         | 0,76         | 0,96   |
| 4 500              | 3,65  | 4,16 | 4,67 | 5,15 | 5,62 | 6,16 | 6,67 | 7,15 | 7,68 | 8,16 | 8,67 | 0,09                                      | 0,43         | 0,78         | 0,98   |
| 4 600              | 3,67  | 4,19 | 4,70 | 5,19 | 5,66 | 6,20 | 6,71 | 7,19 | 7,71 | 8,19 | 8,68 | 0,10                                      | 0,44         | 0,79         | 1,00   |
| 4 700              | 3,69  | 4,22 | 4,73 | 5,22 | 5,69 | 6,23 | 6,74 | 7,22 | 7,73 | 8,21 | 8,68 | 0,10                                      | 0,45         | 0,81         | 1,02   |
| 4 800              | 3,71  | 4,25 | 4,76 | 5,25 | 5,72 | 6,26 | 6,77 | 7,24 | 7,75 | 8,21 | —    | 0,10                                      | 0,46         | 0,83         | 1,04   |
| 4 900              | 3,73  | 4,27 | 4,78 | 5,28 | 5,75 | 6,29 | 6,79 | 7,26 | 7,76 | —    | —    | 0,10                                      | 0,47         | 0,84         | 1,07   |
| 5 000              | 3,75  | 4,29 | 4,80 | 5,30 | 5,77 | 6,31 | 6,81 | 7,27 | 7,77 | —    | —    | 0,10                                      | 0,48         | 0,86         | 1,09   |
| 5 100              | 3,76  | 4,30 | 4,82 | 5,32 | 5,79 | 6,32 | 6,82 | 7,28 | —    | —    | —    | 0,11                                      | 0,49         | 0,88         | 1,11   |
| 5 200              | 3,77  | 4,32 | 4,84 | 5,33 | 5,81 | 6,34 | 6,83 | —    | —    | —    | —    | 0,11                                      | 0,50         | 0,90         | 1,13   |
| 5 300              | 3,78  | 4,33 | 4,85 | 5,34 | 5,81 | 6,34 | —    | —    | —    | —    | —    | 0,11                                      | 0,51         | 0,91         | 1,15   |
| 5 400              | 3,78  | 4,33 | 4,86 | 5,35 | 5,82 | 6,34 | —    | —    | —    | —    | —    | 0,11                                      | 0,52         | 0,93         | 1,18   |
| 5 500              | 3,79  | 4,34 | 4,86 | 5,36 | 5,82 | —    | —    | —    | —    | —    | —    | 0,11                                      | 0,53         | 0,95         | 1,20   |
| 5 600              | 3,79  | 4,34 | 4,86 | —    | —    | —    | —    | —    | —    | —    | —    | 0,12                                      | 0,54         | 0,96         | 1,22   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings

## Section BX

Table 9m

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |       |       |       |       |       |       |       |       | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|---|--------------|--------------|--------|
|                    | 125   | 132   | 140   | 150   | 160   | 170   | 180   | 190   | 200   | 1,00 to 1,05                              | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |       |       |       |       |       |       |       |       | kW  |              |              |        |
| 100                | 0,52  | 0,57  | 0,62  | 0,68  | 0,74  | 0,80  | 0,86  | 0,93  | 0,99  | 0,00                                      | 0,02         | 0,04         | 0,05   |
| 200                | 0,96  | 1,04  | 1,14  | 1,26  | 1,37  | 1,49  | 1,61  | 1,72  | 1,84  | 0,01                                      | 0,04         | 0,07         | 0,09   |
| 300                | 1,36  | 1,49  | 1,62  | 1,79  | 1,96  | 2,13  | 2,30  | 2,47  | 2,63  | 0,01                                      | 0,06         | 0,11         | 0,14   |
| 400                | 1,75  | 1,90  | 2,08  | 2,30  | 2,53  | 2,74  | 2,96  | 3,18  | 3,40  | 0,02                                      | 0,08         | 0,15         | 0,18   |
| 500                | 2,11  | 2,30  | 2,52  | 2,79  | 3,06  | 3,33  | 3,60  | 3,87  | 4,13  | 0,02                                      | 0,10         | 0,18         | 0,23   |
| 600                | 2,46  | 2,69  | 2,95  | 3,27  | 3,59  | 3,90  | 4,22  | 4,53  | 4,84  | 0,03                                      | 0,12         | 0,22         | 0,28   |
| 700                | 2,80  | 3,06  | 3,36  | 3,73  | 4,09  | 4,45  | 4,81  | 5,17  | 5,52  | 0,03                                      | 0,14         | 0,26         | 0,32   |
| 720                | 2,87  | 3,14  | 3,44  | 3,82  | 4,19  | 4,56  | 4,93  | 5,30  | 5,66  | 0,03                                      | 0,15         | 0,26         | 0,33   |
| 800                | 3,13  | 3,43  | 3,76  | 4,17  | 4,58  | 4,99  | 5,39  | 5,79  | 6,19  | 0,04                                      | 0,16         | 0,29         | 0,37   |
| 900                | 3,45  | 3,78  | 4,15  | 4,61  | 5,06  | 5,51  | 5,96  | 6,40  | 6,84  | 0,04                                      | 0,18         | 0,33         | 0,41   |
| 960                | 3,64  | 3,98  | 4,37  | 4,86  | 5,34  | 5,82  | 6,29  | 6,75  | 7,22  | 0,04                                      | 0,20         | 0,35         | 0,44   |
| 1 000              | 3,76  | 4,12  | 4,52  | 5,03  | 5,52  | 6,02  | 6,50  | 6,99  | 7,47  | 0,04                                      | 0,20         | 0,36         | 0,46   |
| 1 100              | 4,06  | 4,45  | 4,89  | 5,44  | 5,97  | 6,51  | 7,04  | 7,56  | 8,08  | 0,05                                      | 0,22         | 0,40         | 0,51   |
| 1 200              | 4,36  | 4,78  | 5,25  | 5,83  | 6,41  | 6,99  | 7,55  | 8,11  | 8,66  | 0,05                                      | 0,25         | 0,44         | 0,55   |
| 1 300              | 4,64  | 5,09  | 5,60  | 6,22  | 6,84  | 7,45  | 8,05  | 8,65  | 9,24  | 0,06                                      | 0,27         | 0,47         | 0,60   |
| 1 400              | 4,92  | 5,40  | 5,93  | 6,60  | 7,25  | 7,90  | 8,54  | 9,17  | 9,79  | 0,06                                      | 0,29         | 0,51         | 0,64   |
| 1 440              | 5,03  | 5,52  | 6,07  | 6,74  | 7,41  | 8,08  | 8,73  | 9,37  | 10,00 | 0,06                                      | 0,29         | 0,53         | 0,66   |
| 1 500              | 5,19  | 5,69  | 6,26  | 6,96  | 7,65  | 8,33  | 9,01  | 9,67  | 10,32 | 0,07                                      | 0,31         | 0,55         | 0,69   |
| 1 600              | 5,45  | 5,98  | 6,58  | 7,32  | 8,04  | 8,76  | 9,46  | 10,15 | 10,83 | 0,07                                      | 0,33         | 0,58         | 0,74   |
| 1 700              | 5,71  | 6,26  | 6,89  | 7,66  | 8,42  | 9,16  | 9,90  | 10,61 | 11,32 | 0,07                                      | 0,35         | 0,62         | 0,78   |
| 1 800              | 5,95  | 6,53  | 7,19  | 7,99  | 8,78  | 9,56  | 10,31 | 11,06 | 11,79 | 0,08                                      | 0,37         | 0,66         | 0,83   |
| 1 900              | 6,19  | 6,80  | 7,48  | 8,31  | 9,13  | 9,93  | 10,72 | 11,48 | 12,23 | 0,08                                      | 0,39         | 0,69         | 0,87   |
| 2 000              | 6,42  | 7,05  | 7,75  | 8,62  | 9,47  | 10,29 | 11,10 | 11,89 | 12,65 | 0,09                                      | 0,41         | 0,73         | 0,92   |
| 2 100              | 6,64  | 7,29  | 8,02  | 8,92  | 9,79  | 10,64 | 11,47 | 12,27 | 13,05 | 0,09                                      | 0,43         | 0,77         | 0,97   |
| 2 200              | 6,86  | 7,53  | 8,28  | 9,20  | 10,10 | 10,97 | 11,82 | 12,64 | 13,43 | 0,10                                      | 0,45         | 0,80         | 1,01   |
| 2 300              | 7,06  | 7,76  | 8,53  | 9,48  | 10,39 | 11,28 | 12,15 | 12,98 | 13,78 | 0,10                                      | 0,47         | 0,84         | 1,06   |
| 2 400              | 7,26  | 7,97  | 8,77  | 9,74  | 10,67 | 11,58 | 12,46 | 13,30 | 14,11 | 0,11                                      | 0,49         | 0,88         | 1,10   |
| 2 500              | 7,45  | 8,18  | 8,99  | 9,98  | 10,94 | 11,86 | 12,74 | 13,59 | 14,41 | 0,11                                      | 0,51         | 0,91         | 1,15   |
| 2 600              | 7,63  | 8,38  | 9,21  | 10,22 | 11,19 | 12,12 | 13,01 | 13,87 | 14,68 | 0,11                                      | 0,53         | 0,95         | 1,20   |
| 2 700              | 7,81  | 8,57  | 9,41  | 10,44 | 11,42 | 12,36 | 13,26 | 14,11 | 14,92 | 0,12                                      | 0,55         | 0,98         | 1,24   |
| 2 800              | 7,97  | 8,75  | 9,61  | 10,64 | 11,64 | 12,59 | 13,49 | 14,34 | 15,14 | 0,12                                      | 0,57         | 1,02         | 1,29   |
| 2 880              | 8,09  | 8,88  | 9,75  | 10,80 | 11,80 | 12,75 | 13,65 | 14,50 | 15,29 | 0,13                                      | 0,59         | 1,05         | 1,32   |
| 2 900              | 8,12  | 8,91  | 9,79  | 10,84 | 11,84 | 12,79 | 13,69 | 14,54 | 15,32 | 0,13                                      | 0,59         | 1,06         | 1,33   |
| 3 000              | 8,27  | 9,07  | 9,96  | 11,02 | 12,02 | 12,98 | 13,87 | 14,71 | 15,48 | 0,13                                      | 0,61         | 1,09         | 1,38   |
| 3 100              | 8,41  | 9,22  | 10,11 | 11,18 | 12,19 | 13,14 | 14,03 | 14,85 | 15,60 | 0,14                                      | 0,63         | 1,13         | 1,43   |
| 3 200              | 8,53  | 9,35  | 10,26 | 11,33 | 12,34 | 13,29 | 14,16 | 14,97 | 15,70 | 0,14                                      | 0,65         | 1,17         | 1,47   |
| 3 300              | 8,65  | 9,48  | 10,39 | 11,46 | 12,47 | 13,41 | 14,27 | 15,05 | 15,76 | 0,15                                      | 0,67         | 1,20         | 1,52   |
| 3 400              | 8,76  | 9,59  | 10,50 | 11,58 | 12,58 | 13,51 | 14,35 | 15,11 | 15,78 | 0,15                                      | 0,69         | 1,24         | 1,56   |
| 3 500              | 8,85  | 9,69  | 10,61 | 11,68 | 12,68 | 13,59 | 14,41 | 15,14 | –     | 0,15                                      | 0,71         | 1,28         | 1,61   |
| 3 600              | 8,94  | 9,78  | 10,70 | 11,77 | 12,75 | 13,64 | 14,44 | –     | –     | 0,16                                      | 0,74         | 1,31         | 1,66   |
| 3 700              | 9,02  | 9,86  | 10,78 | 11,84 | 12,81 | 13,68 | 14,45 | –     | –     | 0,16                                      | 0,76         | 1,35         | 1,70   |
| 3 800              | 9,08  | 9,93  | 10,84 | 11,89 | 12,84 | 13,69 | –     | –     | –     | 0,17                                      | 0,78         | 1,39         | 1,75   |
| 3 900              | 9,14  | 9,98  | 10,89 | 11,93 | 12,86 | –     | –     | –     | –     | 0,17                                      | 0,80         | 1,42         | 1,79   |
| 4 000              | 9,18  | 10,02 | 10,92 | 11,94 | –     | –     | –     | –     | –     | 0,18                                      | 0,82         | 1,46         | 1,84   |
| 4 100              | 9,21  | 10,05 | 10,94 | –     | –     | –     | –     | –     | –     | 0,18                                      | 0,84         | 1,49         | 1,89   |
| 4 200              | 9,24  | 10,07 | 10,94 | –     | –     | –     | –     | –     | –     | 0,18                                      | 0,86         | 1,53         | 1,93   |
| 4 300              | 9,25  | 10,07 | –     | –     | –     | –     | –     | –     | –     | 0,19                                      | 0,88         | 1,57         | 1,98   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings

## Section CX

Table 9n

1

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |       |       |       |       |       |       |       |       |       |       | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|--------------|--------------|--------|
|                    | 224   | 236   | 250   | 265   | 280   | 300   | 315   | 335   | 355   | 375   | 400   | 1,00 to 1,05                              | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |       |       |       |       |       |       |       |       |       |       | kW  |              |              |        |
| 100                | 1,68  | 1,79  | 1,93  | 2,08  | 2,23  | 2,42  | 2,57  | 2,76  | 2,95  | 3,14  | 3,38  | 0,01                                      | 0,05         | 0,09         | 0,13   |
| 200                | 3,09  | 3,31  | 3,57  | 3,85  | 4,13  | 4,49  | 4,77  | 5,13  | 5,49  | 5,85  | 6,30  | 0,02                                      | 0,10         | 0,19         | 0,26   |
| 300                | 4,40  | 4,72  | 5,10  | 5,50  | 5,90  | 6,43  | 6,82  | 7,34  | 7,86  | 8,37  | 9,01  | 0,03                                      | 0,15         | 0,28         | 0,39   |
| 400                | 5,63  | 6,05  | 6,54  | 7,06  | 7,57  | 8,26  | 8,76  | 9,43  | 10,10 | 10,76 | 11,58 | 0,04                                      | 0,20         | 0,38         | 0,51   |
| 500                | 6,82  | 7,33  | 7,92  | 8,55  | 9,17  | 10,00 | 10,62 | 11,43 | 12,23 | 13,03 | 14,02 | 0,05                                      | 0,24         | 0,47         | 0,64   |
| 600                | 7,95  | 8,55  | 9,24  | 9,98  | 10,71 | 11,67 | 12,39 | 13,33 | 14,26 | 15,19 | 16,32 | 0,06                                      | 0,29         | 0,56         | 0,77   |
| 700                | 9,03  | 9,72  | 10,51 | 11,34 | 12,17 | 13,26 | 14,07 | 15,14 | 16,19 | 17,23 | 18,50 | 0,07                                      | 0,34         | 0,66         | 0,90   |
| 720                | 9,25  | 9,95  | 10,75 | 11,61 | 12,46 | 13,57 | 14,40 | 15,49 | 16,56 | 17,62 | 18,92 | 0,07                                      | 0,35         | 0,68         | 0,93   |
| 800                | 10,08   | 10,84 | 11,72 | 12,65 | 13,57 | 14,79 | 15,68 | 16,86 | 18,01 | 19,15 | 20,54 | 0,08                                      | 0,39         | 0,75         | 1,03   |
| 900                | 11,08   | 11,92 | 12,88 | 13,90 | 14,91 | 16,23 | 17,21 | 18,48 | 19,73 | 20,95 | 22,44 | 0,09                                      | 0,44         | 0,85         | 1,16   |
| 960                | 11,66   | 12,54 | 13,56 | 14,63 | 15,68 | 17,06 | 18,08 | 19,41 | 20,71 | 21,98 | 23,51 | 0,10                                      | 0,47         | 0,90         | 1,23   |
| 1 000              | 12,04   | 12,95 | 13,99 | 15,10 | 16,18 | 17,60 | 18,65 | 20,01 | 21,34 | 22,63 | 24,20 | 0,10                                      | 0,49         | 0,94         | 1,29   |
| 1 100              | 12,96   | 13,93 | 15,05 | 16,23 | 17,39 | 18,90 | 20,00 | 21,43 | 22,83 | 24,17 | 25,79 | 0,11                                      | 0,54         | 1,03         | 1,41   |
| 1 200              | 13,83   | 14,87 | 16,06 | 17,30 | 18,52 | 20,11 | 21,26 | 22,75 | 24,19 | 25,57 | 27,22 | 0,12                                      | 0,59         | 1,13         | 1,54   |
| 1 300              | 14,66   | 15,75 | 17,00 | 18,31 | 19,58 | 21,23 | 22,42 | 23,96 | 25,43 | 26,83 | 28,47 | 0,13                                      | 0,64         | 1,22         | 1,67   |
| 1 400              | 15,45   | 16,59 | 17,89 | 19,25 | 20,57 | 22,27 | 23,49 | 25,05 | 26,53 | 27,92 | 29,54 | 0,14                                      | 0,69         | 1,32         | 1,80   |
| 1 440              | 15,75   | 16,91 | 18,23 | 19,61 | 20,94 | 22,65 | 23,88 | 25,45 | 26,93 | 28,31 | 29,91 | 0,15                                      | 0,71         | 1,35         | 1,85   |
| 1 500              | 16,19   | 17,38 | 18,73 | 20,13 | 21,48 | 23,21 | 24,45 | 26,01 | 27,48 | 28,85 | 30,41 | 0,15                                      | 0,73         | 1,41         | 1,93   |
| 1 600              | 16,88   | 18,11 | 19,50 | 20,93 | 22,31 | 24,05 | 25,29 | 26,85 | 28,28 | 29,60 | 31,07 | 0,16                                      | 0,78         | 1,51         | 2,06   |
| 1 700              | 17,53   | 18,78 | 20,20 | 21,66 | 23,05 | 24,80 | 26,02 | 27,55 | 28,93 | 30,17 | 31,50 | 0,17                                      | 0,83         | 1,60         | 2,19   |
| 1 800              | 18,12   | 19,40 | 20,84 | 22,31 | 23,70 | 25,43 | 26,64 | 28,10 | 29,41 | 30,54 | 31,71 | 0,18                                      | 0,88         | 1,69         | 2,32   |
| 1 900              | 18,66   | 19,96 | 21,41 | 22,88 | 24,26 | 25,96 | 27,12 | 28,51 | 29,71 | 30,71 | –     | 0,19                                      | 0,93         | 1,79         | 2,44   |
| 2 000              | 19,15   | 20,46 | 21,91 | 23,37 | 24,73 | 26,37 | 27,47 | 28,76 | 29,83 | –     | –     | 0,20                                      | 0,98         | 1,88         | 2,57   |
| 2 100              | 19,58   | 20,89 | 22,34 | 23,77 | 25,09 | 26,66 | 27,69 | 28,85 | –     | –     | –     | 0,21                                      | 1,03         | 1,98         | 2,70   |
| 2 200              | 19,96   | 21,26 | 22,69 | 24,09 | 25,36 | 26,83 | 27,76 | –     | –     | –     | –     | 0,22                                      | 1,08         | 2,07         | 2,83   |
| 2 300              | 20,27   | 21,56 | 22,96 | 24,31 | 25,51 | 26,87 | –     | –     | –     | –     | –     | 0,23                                      | 1,13         | 2,16         | 2,96   |
| 2 400              | 20,53   | 21,79 | 23,14 | 24,43 | 25,55 | –     | –     | –     | –     | –     | –     | 0,24                                      | 1,18         | 2,26         | 3,09   |
| 2 500              | 20,72   | 21,95 | 23,24 | 24,46 | –     | –     | –     | –     | –     | –     | –     | 0,25                                      | 1,22         | 2,35         | 3,22   |
| 2 600              | 20,84   | 22,03 | 23,26 | –     | –     | –     | –     | –     | –     | –     | –     | 0,26                                      | 1,27         | 2,45         | 3,34   |
| 2 700              | 20,90   | 22,03 | –     | –     | –     | –     | –     | –     | –     | –     | –     | 0,27                                      | 1,32         | 2,54         | 3,47   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

Power ratings  
Section XPZ/3VX

Table 9o

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |      |      |      |      |      |      |      |       |       |       |       | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|------|------|------|------|------|------|------|-------|-------|-------|-------|---|--------------|--------------|--------|
|                    | 67  | 71   | 75   | 80   | 85   | 90   | 95   | 100  | 112   | 125   | 132   | 140   | 1.00 to 1.05                              | 1.06 to 1.24 | 1.25 to 1.59 | > 1.59 |
|                    | r/min   | kW   |      |      |      |      |      |      |       |       |       |       |   | kW           |              |        |
| 100                | 0,14  | 0,15 | 0,17 | 0,18 | 0,20 | 0,22 | 0,23 | 0,25 | 0,29  | 0,34  | 0,36  | 0,39  | –   | 0,01         | 0,01         | 0,01   |
| 500                | 0,58  | 0,64 | 0,70 | 0,78 | 0,86 | 0,94 | 1,02 | 1,09 | 1,28  | 1,47  | 1,58  | 1,70  | 0,01                                      | 0,03         | 0,05         | 0,06   |
| 720                | 0,80  | 0,88 | 0,97 | 1,08 | 1,19 | 1,30 | 1,41 | 1,52 | 1,78  | 2,05  | 2,20  | 2,37  | 0,01                                      | 0,04         | 0,07         | 0,09   |
| 800                | 0,87  | 0,97 | 1,07 | 1,19 | 1,31 | 1,43 | 1,55 | 1,67 | 1,95  | 2,26  | 2,42  | 2,61  | 0,01                                      | 0,05         | 0,08         | 0,10   |
| 900                | 0,97  | 1,07 | 1,18 | 1,32 | 1,45 | 1,59 | 1,72 | 1,85 | 2,17  | 2,51  | 2,69  | 2,90  | 0,01                                      | 0,05         | 0,09         | 0,11   |
| 960                | 1,02  | 1,14 | 1,25 | 1,40 | 1,54 | 1,68 | 1,82 | 1,96 | 2,30  | 2,66  | 2,85  | 3,07  | 0,01                                      | 0,06         | 0,10         | 0,11   |
| 1000               | 1,06  | 1,18 | 1,30 | 1,45 | 1,60 | 1,74 | 1,89 | 2,04 | 2,39  | 2,76  | 2,96  | 3,19  | 0,01                                      | 0,06         | 0,10         | 0,12   |
| 1100               | 1,15  | 1,28 | 1,41 | 1,57 | 1,74 | 1,90 | 2,06 | 2,22 | 2,60  | 3,01  | 3,22  | 3,47  | 0,01                                      | 0,07         | 0,11         | 0,13   |
| 1200               | 1,24  | 1,38 | 1,52 | 1,70 | 1,87 | 2,05 | 2,22 | 2,39 | 2,81  | 3,25  | 3,48  | 3,75  | 0,02                                      | 0,07         | 0,12         | 0,14   |
| 1300               | 1,33  | 1,48 | 1,63 | 1,82 | 2,01 | 2,20 | 2,38 | 2,57 | 3,01  | 3,49  | 3,74  | 4,03  | 0,02                                      | 0,08         | 0,13         | 0,15   |
| 1400               | 1,41  | 1,58 | 1,74 | 1,94 | 2,14 | 2,35 | 2,55 | 2,74 | 3,22  | 3,72  | 3,99  | 4,30  | 0,02                                      | 0,08         | 0,14         | 0,17   |
| 1440               | 1,45  | 1,62 | 1,78 | 1,99 | 2,20 | 2,40 | 2,61 | 2,81 | 3,30  | 3,82  | 4,09  | 4,41  | 0,02                                      | 0,09         | 0,14         | 0,17   |
| 1500               | 1,50  | 1,67 | 1,85 | 2,06 | 2,28 | 2,49 | 2,70 | 2,92 | 3,42  | 3,96  | 4,24  | 4,57  | 0,02                                      | 0,09         | 0,15         | 0,18   |
| 1600               | 1,58  | 1,77 | 1,95 | 2,18 | 2,41 | 2,64 | 2,86 | 3,09 | 3,62  | 4,19  | 4,49  | 4,83  | 0,02                                      | 0,10         | 0,16         | 0,19   |
| 1700               | 1,67  | 1,86 | 2,06 | 2,30 | 2,54 | 2,78 | 3,02 | 3,25 | 3,81  | 4,41  | 4,73  | 5,10  | 0,02                                      | 0,10         | 0,17         | 0,20   |
| 1800               | 1,75  | 1,95 | 2,16 | 2,42 | 2,67 | 2,92 | 3,17 | 3,42 | 4,01  | 4,64  | 4,97  | 5,35  | 0,02                                      | 0,11         | 0,18         | 0,21   |
| 1900               | 1,83  | 2,05 | 2,26 | 2,53 | 2,80 | 3,06 | 3,32 | 3,58 | 4,20  | 4,86  | 5,21  | 5,61  | 0,03                                      | 0,11         | 0,19         | 0,23   |
| 2000               | 1,91  | 2,14 | 2,36 | 2,64 | 2,92 | 3,20 | 3,47 | 3,74 | 4,39  | 5,08  | 5,45  | 5,86  | 0,03                                      | 0,12         | 0,20         | 0,24   |
| 2100               | 1,99  | 2,23 | 2,46 | 2,75 | 3,05 | 3,33 | 3,62 | 3,90 | 4,58  | 5,30  | 5,68  | 6,11  | 0,03                                      | 0,13         | 0,21         | 0,25   |
| 2200               | 2,07  | 2,32 | 2,56 | 2,87 | 3,17 | 3,47 | 3,77 | 4,06 | 4,76  | 5,51  | 5,90  | 6,35  | 0,03                                      | 0,13         | 0,22         | 0,26   |
| 2300               | 2,15  | 2,40 | 2,66 | 2,98 | 3,29 | 3,60 | 3,91 | 4,22 | 4,95  | 5,72  | 6,13  | 6,59  | 0,03                                      | 0,14         | 0,23         | 0,27   |
| 2400               | 2,22  | 2,49 | 2,75 | 3,08 | 3,41 | 3,73 | 4,05 | 4,37 | 5,13  | 5,92  | 6,35  | 6,82  | 0,03                                      | 0,14         | 0,24         | 0,29   |
| 2500               | 2,30  | 2,58 | 2,85 | 3,19 | 3,53 | 3,86 | 4,20 | 4,53 | 5,30  | 6,13  | 6,56  | 7,05  | 0,03                                      | 0,15         | 0,25         | 0,30   |
| 2600               | 2,37  | 2,66 | 2,94 | 3,30 | 3,65 | 3,99 | 4,34 | 4,68 | 5,48  | 6,33  | 6,78  | 7,28  | 0,03                                      | 0,16         | 0,26         | 0,31   |
| 2700               | 2,45  | 2,74 | 3,04 | 3,40 | 3,76 | 4,12 | 4,47 | 4,82 | 5,65  | 6,53  | 6,99  | 7,50  | 0,04                                      | 0,16         | 0,27         | 0,32   |
| 2800               | 2,52  | 2,83 | 3,13 | 3,50 | 3,88 | 4,25 | 4,61 | 4,97 | 5,82  | 6,72  | 7,19  | 7,72  | 0,04                                      | 0,17         | 0,28         | 0,33   |
| 2880               | 2,58  | 2,89 | 3,20 | 3,59 | 3,97 | 4,34 | 4,72 | 5,09 | 5,96  | 6,87  | 7,35  | 7,89  | 0,04                                      | 0,17         | 0,29         | 0,34   |
| 2900               | 2,59  | 2,91 | 3,22 | 3,61 | 3,99 | 4,37 | 4,74 | 5,12 | 5,99  | 6,91  | 7,39  | 7,94  | 0,04                                      | 0,17         | 0,29         | 0,34   |
| 3000               | 2,66  | 2,99 | 3,31 | 3,71 | 4,10 | 4,49 | 4,88 | 5,26 | 6,16  | 7,10  | 7,59  | 8,15  | 0,04                                      | 0,18         | 0,30         | 0,36   |
| 3100               | 2,73  | 3,07 | 3,40 | 3,81 | 4,21 | 4,61 | 5,01 | 5,40 | 6,32  | 7,28  | 7,79  | 8,35  | 0,04                                      | 0,18         | 0,31         | 0,37   |
| 3200               | 2,80  | 3,15 | 3,49 | 3,91 | 4,32 | 4,73 | 5,14 | 5,54 | 6,48  | 7,46  | 7,98  | 8,55  | 0,04                                      | 0,19         | 0,32         | 0,38   |
| 3300               | 2,87  | 3,22 | 3,57 | 4,00 | 4,43 | 4,85 | 5,26 | 5,67 | 6,64  | 7,64  | 8,16  | 8,75  | 0,04                                      | 0,20         | 0,33         | 0,39   |
| 3400               | 2,94  | 3,30 | 3,66 | 4,10 | 4,54 | 4,97 | 5,39 | 5,81 | 6,79  | 7,81  | 8,35  | 8,94  | 0,05                                      | 0,20         | 0,34         | 0,40   |
| 3500               | 3,01  | 3,38 | 3,74 | 4,19 | 4,64 | 5,08 | 5,51 | 5,94 | 6,94  | 7,98  | 8,53  | 9,13  | 0,05                                      | 0,21         | 0,35         | 0,42   |
| 3600               | 3,07  | 3,45 | 3,83 | 4,29 | 4,74 | 5,19 | 5,64 | 6,07 | 7,09  | 8,15  | 8,70  | 9,31  | 0,05                                      | 0,21         | 0,36         | 0,43   |
| 3700               | 3,14  | 3,53 | 3,91 | 4,38 | 4,85 | 5,30 | 5,76 | 6,20 | 7,24  | 8,31  | 8,87  | 9,48  | 0,05                                      | 0,22         | 0,37         | 0,44   |
| 3800               | 3,20  | 3,60 | 3,99 | 4,47 | 4,95 | 5,41 | 5,87 | 6,33 | 7,38  | 8,47  | 9,03  | 9,66  | 0,05                                      | 0,23         | 0,38         | 0,45   |
| 3900               | 3,27  | 3,67 | 4,07 | 4,56 | 5,05 | 5,52 | 5,99 | 6,45 | 7,52  | 8,63  | 9,20  | 9,82  | 0,05                                      | 0,23         | 0,39         | 0,46   |
| 4000               | 3,33  | 3,74 | 4,15 | 4,65 | 5,14 | 5,63 | 6,10 | 6,57 | 7,66  | 8,78  | 9,35  | 9,98  | 0,05                                      | 0,24         | 0,40         | 0,48   |
| 4200               | 3,45  | 3,88 | 4,30 | 4,82 | 5,33 | 5,84 | 6,33 | 6,81 | 7,93  | 9,07  | 9,65  | 10,29 | 0,06                                      | 0,25         | 0,42         | 0,50   |
| 4400               | 3,57  | 4,02 | 4,45 | 4,99 | 5,52 | 6,04 | 6,54 | 7,04 | 8,18  | 9,34  | 9,93  | 10,57 | 0,06                                      | 0,26         | 0,44         | 0,52   |
| 4600               | 3,69  | 4,15 | 4,60 | 5,15 | 5,70 | 6,23 | 6,75 | 7,26 | 8,42  | 9,60  | 10,19 | 10,83 | 0,06                                      | 0,27         | 0,46         | 0,55   |
| 4800               | 3,80  | 4,27 | 4,74 | 5,31 | 5,87 | 6,41 | 6,95 | 7,46 | 8,65  | 9,84  | 10,43 | 11,07 | 0,06                                      | 0,29         | 0,48         | 0,57   |
| 5000               | 3,91  | 4,40 | 4,88 | 5,46 | 6,03 | 6,59 | 7,13 | 7,66 | 8,87  | 10,06 | 10,65 | 11,28 | 0,07                                      | 0,30         | 0,50         | 0,59   |
| 5200               | 4,01  | 4,51 | 5,01 | 5,61 | 6,19 | 6,76 | 7,31 | 7,85 | 9,07  | 10,26 | 10,85 | 11,46 | 0,07                                      | 0,31         | 0,52         | 0,62   |
| 5400               | 4,12  | 4,63 | 5,13 | 5,75 | 6,34 | 6,92 | 7,49 | 8,03 | 9,25  | 10,44 | 11,02 | 11,62 | 0,07                                      | 0,32         | 0,54         | 0,64   |
| 5600               | 4,21  | 4,74 | 5,25 | 5,88 | 6,49 | 7,08 | 7,65 | 8,20 | 9,43  | 10,61 | 11,17 | 11,75 | 0,07                                      | 0,33         | 0,56         | 0,67   |
| 5800               | 4,31  | 4,84 | 5,37 | 6,01 | 6,63 | 7,22 | 7,80 | 8,35 | 9,58  | 10,75 | 11,30 | 11,86 | 0,08                                      | 0,35         | 0,58         | 0,69   |
| 6000               | 4,40  | 4,94 | 5,48 | 6,13 | 6,75 | 7,36 | 7,94 | 8,50 | 9,72  | 10,87 | 11,40 | –     | 0,08                                      | 0,36         | 0,60         | 0,71   |
| 6200               | 4,48  | 5,04 | 5,58 | 6,24 | 6,88 | 7,49 | 8,07 | 8,63 | 9,85  | 10,97 | –     | –     | 0,08                                      | 0,37         | 0,62         | 0,74   |
| 6400               | 4,56  | 5,13 | 5,68 | 6,35 | 6,99 | 7,61 | 8,19 | 8,75 | 9,96  | 11,04 | –     | –     | 0,09                                      | 0,38         | 0,64         | 0,76   |
| 6600               | 4,64  | 5,21 | 5,78 | 6,45 | 7,10 | 7,72 | 8,30 | 8,86 | 10,05 | –     | –     | –     | 0,09                                      | 0,39         | 0,66         | 0,78   |
| 6800               | 4,71  | 5,30 | 5,86 | 6,55 | 7,20 | 7,82 | 8,40 | 8,95 | 10,12 | –     | –     | –     | 0,09                                      | 0,41         | 0,68         | 0,81   |
| 7000               | 4,78  | 5,37 | 5,94 | 6,63 | 7,29 | 7,91 | 8,49 | 9,04 | 10,18 | –     | –     | –     | 0,09                                      | 0,42         | 0,70         | 0,83   |
| 7200               | 4,84  | 5,44 | 6,02 | 6,71 | 7,37 | 7,99 | 8,57 | 9,10 | 10,22 | –     | –     | –     | 0,10                                      | 0,43         | 0,72         | 0,86   |
| 7400               | 4,90  | 5,51 | 6,09 | 6,79 | 7,44 | 8,06 | 8,63 | 9,16 | –     | –     | –     | –     | 0,10                                      | 0,44         | 0,74         | 0,88   |
| 7600               | 4,95  | 5,57 | 6,15 | 6,85 | 7,51 | 8,12 | 8,68 | 9,20 | –     | –     | –     | –     | 0,10                                      | 0,45         | 0,76         | 0,90   |
| 7800               | 5,00  | 5,62 | 6,21 | 6,91 | 7,56 | 8,17 | 8,72 | 9,23 | –     | –     | –     | –     | 0,10                                      | 0,47         | 0,78         | 0,93   |
| 8000               | 5,05  | 5,67 | 6,26 | 6,96 | 7,61 | 8,21 | 8,75 | 9,24 | –     | –     | –     | –     | 0,11                                      | 0,48         | 0,80         | 0,95   |
| 8200               | 5,09  | 5,71 | 6,30 | 7,00 | 7,64 | 8,23 | 8,77 | –    | –     | –     | –     | –     | 0,11                                      | 0,49         | 0,82         | 0,97   |
| 8400               | 5,12  | 5,75 | 6,34 | 7,03 | 7,67 | 8,25 | 8,77 | –    | –     | –     | –     | –     | 0,11                                      | 0,50         | 0,84         | 1,00   |
| 8600               | 5,15  | 5,78 | 6,37 | 7,06 | 7,69 | 8,26 | –    | –    | –     | –     | –     | –     | 0,12                                      | 0,51         | 0,86         | 1,02   |
| 8800               | 5,18  | 5,80 | 6,39 | 7,08 | 7,70 | –    | –    | –    | –     | –     | –     | –     | 0,12                                      | 0,52         | 0,88         | 1,05   |
| 9000               | 5,19  | 5,82 | 6,41 | 7,08 | –    | –    | –    | –    | –     | –     | –     | –     | 0,12                                      | 0,54         | 0,90         | 1,07   |
| 9200               | 5,21  | 5,83 | 6,42 | –    | –    | –    | –    | –    | –     | –     | –     | –     | 0,12                                      | 0,55         | 0,92         | 1,09   |
| 9400               | 5,22  | 5,84 | 6,42 | –    | –    | –    | –    | –    | –     | –     | –     | –     | 0,13                                      | 0,56         | 0,94         | 1,12   |
| 9600               | 5,22  | –    | –    | –    | –    | –    | –    | –    | –     | –     | –     | –     | 0,13                                      | 0,57         | 0,96         | 1,14   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings

## Section XPA

Table 9p

1

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |       |       |       |       |       |       |       |       |       |       |       |       | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|--------------|--------------|--------|
|                    | 90  | 95    | 100   | 106   | 112   | 118   | 125   | 132   | 140   | 150   | 160   | 180   | 200   | 1,00 to 1,05                              | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |       |       |       |       |       |       |       |       |       |       |       |       | kW  |              |              |        |
| 100                | 0,34  | 0,37  | 0,40  | 0,44  | 0,47  | 0,51  | 0,55  | 0,59  | 0,64  | 0,70  | 0,76  | 0,88  | 1,00  | 0,00                                      | 0,01         | 0,02         | 0,03   |
| 200                | 0,63  | 0,69  | 0,75  | 0,82  | 0,89  | 0,96  | 1,04  | 1,12  | 1,21  | 1,33  | 1,44  | 1,67  | 1,89  | 0,01                                      | 0,03         | 0,05         | 0,06   |
| 300                | 0,90  | 0,99  | 1,08  | 1,18  | 1,28  | 1,38  | 1,50  | 1,62  | 1,76  | 1,92  | 2,09  | 2,42  | 2,75  | 0,01                                      | 0,04         | 0,07         | 0,09   |
| 400                | 1,17  | 1,28  | 1,39  | 1,53  | 1,66  | 1,79  | 1,95  | 2,10  | 2,28  | 2,50  | 2,72  | 3,15  | 3,58  | 0,01                                      | 0,06         | 0,10         | 0,12   |
| 500                | 1,42  | 1,56  | 1,70  | 1,86  | 2,03  | 2,19  | 2,38  | 2,57  | 2,79  | 3,06  | 3,33  | 3,86  | 4,39  | 0,02                                      | 0,07         | 0,12         | 0,15   |
| 600                | 1,66  | 1,83  | 1,99  | 2,19  | 2,38  | 2,58  | 2,81  | 3,03  | 3,29  | 3,61  | 3,92  | 4,55  | 5,18  | 0,02                                      | 0,09         | 0,15         | 0,18   |
| 700                | 1,90  | 2,09  | 2,28  | 2,51  | 2,73  | 2,96  | 3,22  | 3,48  | 3,78  | 4,14  | 4,51  | 5,23  | 5,95  | 0,02                                      | 0,10         | 0,17         | 0,20   |
| 720                | 1,95  | 2,15  | 2,34  | 2,57  | 2,80  | 3,03  | 3,30  | 3,57  | 3,87  | 4,25  | 4,62  | 5,37  | 6,11  | 0,02                                      | 0,11         | 0,18         | 0,21   |
| 800                | 2,14  | 2,35  | 2,57  | 2,82  | 3,08  | 3,33  | 3,63  | 3,92  | 4,25  | 4,67  | 5,08  | 5,90  | 6,71  | 0,03                                      | 0,12         | 0,20         | 0,23   |
| 900                | 2,37  | 2,61  | 2,84  | 3,13  | 3,41  | 3,70  | 4,03  | 4,35  | 4,73  | 5,19  | 5,65  | 6,56  | 7,46  | 0,03                                      | 0,13         | 0,22         | 0,26   |
| 960                | 2,50  | 2,76  | 3,01  | 3,31  | 3,61  | 3,91  | 4,26  | 4,61  | 5,00  | 5,49  | 5,98  | 6,95  | 7,90  | 0,03                                      | 0,14         | 0,24         | 0,28   |
| 1 000              | 2,59  | 2,86  | 3,12  | 3,43  | 3,75  | 4,06  | 4,42  | 4,78  | 5,19  | 5,70  | 6,20  | 7,20  | 8,19  | 0,03                                      | 0,15         | 0,25         | 0,29   |
| 1 100              | 2,81  | 3,10  | 3,39  | 3,73  | 4,07  | 4,41  | 4,81  | 5,20  | 5,64  | 6,20  | 6,75  | 7,84  | 8,91  | 0,04                                      | 0,16         | 0,27         | 0,32   |
| 1 200              | 3,03  | 3,34  | 3,65  | 4,02  | 4,39  | 4,76  | 5,19  | 5,61  | 6,09  | 6,69  | 7,29  | 8,46  | 9,62  | 0,04                                      | 0,18         | 0,30         | 0,35   |
| 1 300              | 3,24  | 3,58  | 3,91  | 4,31  | 4,71  | 5,10  | 5,56  | 6,02  | 6,54  | 7,18  | 7,81  | 9,07  | 10,31 | 0,04                                      | 0,19         | 0,32         | 0,38   |
| 1 400              | 3,45  | 3,81  | 4,17  | 4,60  | 5,02  | 5,44  | 5,93  | 6,42  | 6,97  | 7,66  | 8,33  | 9,67  | 10,99 | 0,05                                      | 0,21         | 0,35         | 0,41   |
| 1 440              | 3,53  | 3,90  | 4,27  | 4,71  | 5,14  | 5,58  | 6,08  | 6,58  | 7,14  | 7,84  | 8,54  | 9,91  | 11,26 | 0,05                                      | 0,21         | 0,36         | 0,42   |
| 1 500              | 3,66  | 4,04  | 4,42  | 4,88  | 5,33  | 5,78  | 6,30  | 6,81  | 7,40  | 8,13  | 8,85  | 10,26 | 11,65 | 0,05                                      | 0,22         | 0,37         | 0,44   |
| 1 600              | 3,86  | 4,27  | 4,67  | 5,15  | 5,63  | 6,10  | 6,65  | 7,20  | 7,82  | 8,59  | 9,35  | 10,84 | 12,31 | 0,05                                      | 0,24         | 0,40         | 0,47   |
| 1 700              | 4,06  | 4,49  | 4,92  | 5,42  | 5,93  | 6,43  | 7,01  | 7,58  | 8,24  | 9,04  | 9,84  | 11,41 | 12,94 | 0,06                                      | 0,25         | 0,42         | 0,50   |
| 1 800              | 4,26  | 4,71  | 5,16  | 5,69  | 6,22  | 6,75  | 7,36  | 7,96  | 8,64  | 9,49  | 10,33 | 11,97 | 13,57 | 0,06                                      | 0,27         | 0,45         | 0,53   |
| 1 900              | 4,45  | 4,93  | 5,39  | 5,95  | 6,51  | 7,06  | 7,70  | 8,33  | 9,05  | 9,93  | 10,80 | 12,51 | 14,18 | 0,06                                      | 0,28         | 0,47         | 0,56   |
| 2 000              | 4,64  | 5,14  | 5,63  | 6,21  | 6,79  | 7,37  | 8,04  | 8,70  | 9,44  | 10,36 | 11,27 | 13,05 | 14,77 | 0,07                                      | 0,30         | 0,49         | 0,58   |
| 2 100              | 4,83  | 5,35  | 5,86  | 6,47  | 7,07  | 7,67  | 8,37  | 9,05  | 9,83  | 10,79 | 11,73 | 13,57 | 15,35 | 0,07                                      | 0,31         | 0,52         | 0,61   |
| 2 200              | 5,02  | 5,56  | 6,09  | 6,72  | 7,35  | 7,97  | 8,69  | 9,41  | 10,21 | 11,20 | 12,18 | 14,08 | 15,91 | 0,07                                      | 0,33         | 0,54         | 0,64   |
| 2 300              | 5,20  | 5,76  | 6,31  | 6,97  | 7,62  | 8,27  | 9,01  | 9,75  | 10,59 | 11,61 | 12,62 | 14,58 | 16,46 | 0,08                                      | 0,34         | 0,57         | 0,67   |
| 2 400              | 5,38  | 5,96  | 6,53  | 7,21  | 7,89  | 8,56  | 9,33  | 10,09 | 10,95 | 12,01 | 13,05 | 15,06 | 16,99 | 0,08                                      | 0,36         | 0,59         | 0,70   |
| 2 500              | 5,56  | 6,16  | 6,75  | 7,45  | 8,15  | 8,84  | 9,64  | 10,43 | 11,31 | 12,40 | 13,47 | 15,53 | 17,50 | 0,08                                      | 0,37         | 0,62         | 0,73   |
| 2 600              | 5,73  | 6,35  | 6,96  | 7,69  | 8,41  | 9,12  | 9,94  | 10,75 | 11,67 | 12,78 | 13,88 | 15,99 | 17,99 | 0,09                                      | 0,39         | 0,64         | 0,76   |
| 2 700              | 5,90  | 6,54  | 7,17  | 7,92  | 8,66  | 9,40  | 10,24 | 11,07 | 12,01 | 13,16 | 14,28 | 16,43 | 18,47 | 0,09                                      | 0,40         | 0,67         | 0,79   |
| 2 800              | 6,07  | 6,73  | 7,38  | 8,15  | 8,91  | 9,67  | 10,53 | 11,39 | 12,35 | 13,52 | 14,67 | 16,86 | 18,93 | 0,09                                      | 0,42         | 0,69         | 0,82   |
| 2 880              | 6,20  | 6,88  | 7,54  | 8,33  | 9,11  | 9,88  | 10,76 | 11,64 | 12,61 | 13,81 | 14,97 | 17,20 | 19,28 | 0,10                                      | 0,43         | 0,71         | 0,84   |
| 2 900              | 6,24  | 6,91  | 7,58  | 8,37  | 9,16  | 9,93  | 10,82 | 11,70 | 12,68 | 13,88 | 15,05 | 17,28 | 19,37 | 0,10                                      | 0,43         | 0,72         | 0,85   |
| 3 000              | 6,40  | 7,09  | 7,78  | 8,59  | 9,40  | 10,19 | 11,10 | 12,00 | 13,00 | 14,22 | 15,41 | 17,68 | 19,78 | 0,10                                      | 0,45         | 0,74         | 0,88   |
| 3 100              | 6,56  | 7,27  | 7,98  | 8,81  | 9,63  | 10,45 | 11,38 | 12,29 | 13,31 | 14,56 | 15,77 | 18,06 | 20,18 | 0,10                                      | 0,46         | 0,77         | 0,91   |
| 3 200              | 6,71  | 7,45  | 8,17  | 9,02  | 9,86  | 10,69 | 11,64 | 12,58 | 13,62 | 14,89 | 16,11 | 18,43 | 20,56 | 0,11                                      | 0,48         | 0,79         | 0,94   |
| 3 300              | 6,87  | 7,62  | 8,35  | 9,23  | 10,09 | 10,94 | 11,91 | 12,86 | 13,92 | 15,20 | 16,45 | 18,78 | 20,92 | 0,11                                      | 0,49         | 0,82         | 0,96   |
| 3 400              | 7,02  | 7,78  | 8,54  | 9,43  | 10,31 | 11,17 | 12,16 | 13,13 | 14,21 | 15,51 | 16,77 | 19,12 | 21,25 | 0,11                                      | 0,51         | 0,84         | 0,99   |
| 3 500              | 7,17  | 7,95  | 8,72  | 9,63  | 10,53 | 11,41 | 12,41 | 13,39 | 14,49 | 15,81 | 17,08 | 19,44 | 21,57 | 0,12                                      | 0,52         | 0,87         | 1,02   |
| 3 600              | 7,31  | 8,11  | 8,90  | 9,82  | 10,74 | 11,63 | 12,65 | 13,65 | 14,76 | 16,09 | 17,37 | 19,74 | 21,86 | 0,12                                      | 0,54         | 0,89         | 1,05   |
| 3 700              | 7,45  | 8,27  | 9,07  | 10,01 | 10,94 | 11,85 | 12,89 | 13,90 | 15,02 | 16,37 | 17,65 | 20,03 | 22,12 | 0,12                                      | 0,55         | 0,92         | 1,08   |
| 3 800              | 7,59  | 8,42  | 9,24  | 10,20 | 11,14 | 12,07 | 13,12 | 14,14 | 15,27 | 16,63 | 17,92 | 20,30 | 22,37 | 0,13                                      | 0,57         | 0,94         | 1,11   |
| 3 900              | 7,72  | 8,57  | 9,40  | 10,38 | 11,34 | 12,27 | 13,34 | 14,37 | 15,52 | 16,89 | 18,18 | 20,55 | 22,59 | 0,13                                      | 0,58         | 0,97         | 1,14   |
| 4 000              | 7,86  | 8,72  | 9,56  | 10,55 | 11,53 | 12,48 | 13,55 | 14,60 | 15,75 | 17,13 | 18,43 | 20,78 | -     | 0,13                                      | 0,60         | 0,99         | 1,17   |
| 4 100              | 7,98  | 8,86  | 9,72  | 10,73 | 11,71 | 12,67 | 13,76 | 14,82 | 15,98 | 17,36 | 18,65 | 20,99 | -     | 0,14                                      | 0,61         | 1,01         | 1,20   |
| 4 200              | 8,11  | 9,00  | 9,87  | 10,89 | 11,89 | 12,86 | 13,96 | 15,02 | 16,19 | 17,57 | 18,87 | 21,18 | -     | 0,14                                      | 0,63         | 1,04         | 1,23   |
| 4 300              | 8,23  | 9,13  | 10,02 | 11,05 | 12,06 | 13,04 | 14,15 | 15,22 | 16,40 | 17,78 | 19,07 | 21,36 | -     | 0,14                                      | 0,64         | 1,06         | 1,26   |
| 4 400              | 8,35  | 9,26  | 10,16 | 11,21 | 12,23 | 13,22 | 14,34 | 15,41 | 16,59 | 17,97 | 19,26 | 21,51 | -     | 0,15                                      | 0,66         | 1,09         | 1,29   |
| 4 500              | 8,47  | 9,39  | 10,30 | 11,36 | 12,39 | 13,39 | 14,52 | 15,60 | 16,77 | 18,15 | 19,43 | -     | -     | 0,15                                      | 0,67         | 1,11         | 1,32   |
| 4 600              | 8,58  | 9,51  | 10,43 | 11,50 | 12,54 | 13,55 | 14,68 | 15,77 | 16,95 | 18,32 | 19,59 | -     | -     | 0,15                                      | 0,69         | 1,14         | 1,34   |
| 4 700              | 8,68  | 9,63  | 10,56 | 11,64 | 12,69 | 13,71 | 14,85 | 15,93 | 17,11 | 18,48 | 19,73 | -     | -     | 0,16                                      | 0,70         | 1,16         | 1,37   |
| 4 800              | 8,79  | 9,75  | 10,69 | 11,78 | 12,84 | 13,86 | 15,00 | 16,09 | 17,26 | 18,62 | 19,85 | -     | -     | 0,16                                      | 0,72         | 1,19         | 1,40   |
| 4 900              | 8,89  | 9,86  | 10,81 | 11,91 | 12,97 | 14,00 | 15,14 | 16,23 | 17,40 | 18,75 | 19,96 | -     | -     | 0,16                                      | 0,73         | 1,21         | 1,43   |
| 5 000              | 8,99  | 9,97  | 10,92 | 12,03 | 13,10 | 14,13 | 15,28 | 16,37 | 17,53 | 18,86 | -     | -     | -     | 0,17                                      | 0,74         | 1,24         | 1,46   |
| 5 100              | 9,08  | 10,07 | 11,03 | 12,15 | 13,23 | 14,26 | 15,41 | 16,49 | 17,65 | 18,96 | -     | -     | -     | 0,17                                      | 0,76         | 1,26         | 1,49   |
| 5 200              | 9,17  | 10,17 | 11,14 | 12,26 | 13,35 | 14,38 | 15,53 | 16,61 | 17,75 | 19,05 | -     | -     | -     | 0,17                                      | 0,77         | 1,29         | 1,52   |
| 5 300              | 9,26  | 10,26 | 11,24 | 12,37 | 13,46 | 14,49 | 15,64 | 16,71 | 17,85 | -     | -     | -     | -     | 0,18                                      | 0,79         | 1,31         | 1,55   |
| 5 400              | 9,34  | 10,35 | 11,34 | 12,47 | 13,56 | 14,60 | 15,74 | 16,81 | 17,93 | -     | -     | -     | -     | 0,18                                      | 0,80         | 1,34         | 1,58   |
| 5 500              | 9,42  | 10,44 | 11,43 | 12,57 | 13,66 | 14,69 | 15,83 | 16,89 | 18,00 | -     | -     | -     | -     | 0,18                                      | 0,82         | 1,36         | 1,61   |
| 5 600              | 9,49  | 10,52 | 11,51 | 12,66 | 13,75 | 14,78 | 15,91 | 16,96 | 18,06 | -     | -     | -     | -     | 0,19                                      | 0,83         | 1,39         | 1,64   |
| 5 700              | 9,56  | 10,60 | 11,59 | 12,74 | 13,83 | 14,86 | 15,99 | 17,03 | -     | -     | -     | -     | -     | 0,19                                      | 0,85         | 1,41         | 1,67   |
| 5 800              | 9,63  | 10,67 | 11,67 | 12,82 | 13,91 | 14,94 | 16,05 | 17,08 | -     | -     | -     | -     | -     | 0,19                                      | 0,86         | 1,44         | 1,70   |
| 5 900              | 9,69  | 10,74 | 11,74 | 12,89 | 13,98 | 15,00 | 16,11 | 17,12 | -     | -     | -     | -     | -     | 0,20                                      | 0,88         | 1,46         | 1,72   |
| 6 000              | 9,75  | 10,80 | 11,81 | 12,96 | 14,04 | 15,06 | 16,15 | -     | -     | -     | -     | -     | -     | 0,20                                      | 0,89         | 1,48         | 1,75   |
| 6 100              | 9,80  | 10,86 | 11,86 | 13,01 | 14,10 | 15,11 | 16,19 | -     | -     | -     | -     | -     | -     | 0,20                                      | 0,91         | 1,51         | 1,78   |
| 6 200              | 9,85  | 10,91 | 11,92 | 13,07 | 14,14 | 15,14 | 16,21 | -     | -     | -     | -     | -     | -     | 0,21                                      | 0,92         | 1,53         | 1,81   |
| 6 300              | 9,90  | 10,96 | 11,97 | 13,11 | 14,18 | 15,17 | -     | -     | -     | -     | -     | -     | -     | 0,21                                      | 0,94         | 1,56         | 1,84   |
| 6 400              | 9,94  | 11,00 | 12,01 | 13,15 | 14,21 | 15,20 | -     | -     | -     | -     | -     | -     | -     | 0,21                                      | 0,95         | 1,58         | 1,87   |
| 6 500              | 9,98  | 11,04 | 12,05 | 13,18 | 14,24 | 15,21 | -     | -     | -     | -     | -     | -     | -     | 0,22                                      | 0,97         | 1,61         | 1,90   |
| 6 600              | 10,01   | 11,07 | 12,08 | 13,21 | 14,26 | 15,21 | -     | -     | -     | -     | -     | -     | -     | 0,22                                      | 0,98         | 1,63         | 1,93   |
| 6 700              | 10,04   | 11,10 | 12,10 | 13,23 | 14,26 | -     | -     | -     | -     | -     | -     | -     | -     | 0,23                                      | 1,00         | 1,66         | 1,96   |
| 6 800              | 10,06   | 11,12 | 12,12 | 13,24 | 14,26 | -     | -     | -     | -     |       |       |       |       |   |              |              |        |

Power ratings  
Section XPB/5VX

Table 9q

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |       |       |       |       |       |       |       |       |       |       |       |       | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|--------------|--------------|--------|
|                    | 140   | 150   | 160   | 170   | 180   | 190   | 200   | 212   | 224   | 236   | 250   | 280   | 315   | 1,00 to 1,05                              | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |       |       |       |       |       |       |       |       |       |       |       |       | kW  |              |              |        |
| 100                | 0,90  | 0,99  | 1,08  | 1,18  | 1,27  | 1,36  | 1,46  | 1,57  | 1,68  | 1,79  | 1,92  | 2,19  | 2,51  | 0,01                                      | 0,03         | 0,04         | 0,05   |
| 200                | 1,68  | 1,86  | 2,04  | 2,22  | 2,40  | 2,58  | 2,75  | 2,97  | 3,18  | 3,39  | 3,63  | 4,16  | 4,76  | 0,01                                      | 0,06         | 0,08         | 0,09   |
| 300                | 2,42  | 2,68  | 2,95  | 3,21  | 3,47  | 3,73  | 3,99  | 4,30  | 4,61  | 4,91  | 5,27  | 6,03  | 6,92  | 0,02                                      | 0,08         | 0,13         | 0,14   |
| 400                | 3,13  | 3,47  | 3,82  | 4,16  | 4,50  | 4,84  | 5,18  | 5,59  | 5,99  | 6,39  | 6,86  | 7,85  | 9,00  | 0,03                                      | 0,11         | 0,17         | 0,19   |
| 500                | 3,82  | 4,24  | 4,67  | 5,09  | 5,51  | 5,93  | 6,34  | 6,84  | 7,33  | 7,83  | 8,40  | 9,62  | 11,03 | 0,03                                      | 0,14         | 0,21         | 0,23   |
| 600                | 4,49  | 4,99  | 5,49  | 5,99  | 6,49  | 6,98  | 7,48  | 8,06  | 8,65  | 9,23  | 9,91  | 11,34 | 13,00 | 0,04                                      | 0,17         | 0,25         | 0,28   |
| 700                | 5,14  | 5,72  | 6,30  | 6,88  | 7,45  | 8,02  | 8,58  | 9,26  | 9,93  | 10,60 | 11,38 | 13,03 | 14,92 | 0,05                                      | 0,20         | 0,30         | 0,33   |
| 720                | 5,27  | 5,87  | 6,46  | 7,05  | 7,64  | 8,22  | 8,80  | 9,50  | 10,19 | 10,87 | 11,67 | 13,36 | 15,30 | 0,05                                      | 0,20         | 0,30         | 0,34   |
| 800                | 5,78  | 6,44  | 7,09  | 7,74  | 8,39  | 9,03  | 9,67  | 10,43 | 11,19 | 11,94 | 12,82 | 14,67 | 16,80 | 0,05                                      | 0,22         | 0,34         | 0,37   |
| 900                | 6,41  | 7,14  | 7,87  | 8,59  | 9,31  | 10,02 | 10,73 | 11,58 | 12,42 | 13,26 | 14,23 | 16,28 | 18,62 | 0,06                                      | 0,25         | 0,38         | 0,42   |
| 960                | 6,78  | 7,56  | 8,33  | 9,09  | 9,85  | 10,61 | 11,36 | 12,26 | 13,15 | 14,03 | 15,06 | 17,22 | 19,69 | 0,06                                      | 0,27         | 0,41         | 0,45   |
| 1 000              | 7,03  | 7,83  | 8,63  | 9,43  | 10,21 | 11,00 | 11,78 | 12,71 | 13,63 | 14,54 | 15,60 | 17,84 | 20,40 | 0,07                                      | 0,28         | 0,42         | 0,47   |
| 1 100              | 7,64  | 8,51  | 9,38  | 10,24 | 11,10 | 11,95 | 12,80 | 13,81 | 14,81 | 15,80 | 16,95 | 19,37 | 22,12 | 0,07                                      | 0,31         | 0,47         | 0,51   |
| 1 200              | 8,23  | 9,18  | 10,11 | 11,05 | 11,97 | 12,89 | 13,80 | 14,89 | 15,96 | 17,03 | 18,26 | 20,85 | 23,79 | 0,08                                      | 0,34         | 0,51         | 0,56   |
| 1 300              | 8,81  | 9,83  | 10,84 | 11,84 | 12,83 | 13,81 | 14,79 | 15,95 | 17,10 | 18,23 | 19,54 | 22,30 | 25,41 | 0,09                                      | 0,36         | 0,55         | 0,61   |
| 1 400              | 9,39  | 10,47 | 11,54 | 12,61 | 13,66 | 14,71 | 15,75 | 16,98 | 18,20 | 19,40 | 20,79 | 23,70 | 26,97 | 0,09                                      | 0,39         | 0,59         | 0,66   |
| 1 440              | 9,61  | 10,72 | 11,82 | 12,91 | 14,00 | 15,07 | 16,13 | 17,39 | 18,63 | 19,86 | 21,28 | 24,25 | 27,58 | 0,10                                      | 0,40         | 0,61         | 0,67   |
| 1 500              | 9,95  | 11,10 | 12,24 | 13,37 | 14,49 | 15,59 | 16,69 | 17,99 | 19,28 | 20,55 | 22,01 | 25,05 | 28,47 | 0,10                                      | 0,42         | 0,63         | 0,70   |
| 1 600              | 10,50   | 11,72 | 12,92 | 14,11 | 15,29 | 16,46 | 17,61 | 18,98 | 20,33 | 21,66 | 23,19 | 26,36 | 29,91 | 0,11                                      | 0,45         | 0,68         | 0,75   |
| 1 700              | 11,04   | 12,32 | 13,59 | 14,84 | 16,08 | 17,30 | 18,51 | 19,94 | 21,35 | 22,74 | 24,33 | 27,63 | 31,28 | 0,11                                      | 0,47         | 0,72         | 0,80   |
| 1 800              | 11,58   | 12,92 | 14,24 | 15,55 | 16,85 | 18,13 | 19,39 | 20,88 | 22,35 | 23,79 | 25,43 | 28,84 | 32,58 | 0,12                                      | 0,50         | 0,76         | 0,84   |
| 1 900              | 12,10   | 13,50 | 14,88 | 16,25 | 17,60 | 18,93 | 20,24 | 21,79 | 23,31 | 24,80 | 26,50 | 30,00 | 33,82 | 0,13                                      | 0,53         | 0,80         | 0,89   |
| 2 000              | 12,61   | 14,07 | 15,51 | 16,93 | 18,33 | 19,71 | 21,07 | 22,68 | 24,24 | 25,78 | 27,53 | 31,11 | 34,98 | 0,13                                      | 0,56         | 0,85         | 0,94   |
| 2 100              | 13,11   | 14,63 | 16,12 | 17,60 | 19,05 | 20,48 | 21,88 | 23,53 | 25,15 | 26,72 | 28,51 | 32,16 | 36,07 | 0,14                                      | 0,59         | 0,89         | 0,98   |
| 2 200              | 13,60   | 15,17 | 16,72 | 18,25 | 19,75 | 21,22 | 22,67 | 24,36 | 26,02 | 27,63 | 29,46 | 33,16 | 37,07 | 0,15                                      | 0,61         | 0,93         | 1,03   |
| 2 300              | 14,08   | 15,71 | 17,31 | 18,88 | 20,43 | 21,94 | 23,42 | 25,16 | 26,86 | 28,50 | 30,36 | 34,09 | 38,00 | 0,15                                      | 0,64         | 0,97         | 1,08   |
| 2 400              | 14,55   | 16,23 | 17,88 | 19,50 | 21,08 | 22,64 | 24,16 | 25,94 | 27,66 | 29,33 | 31,21 | 34,97 | 38,84 | 0,16                                      | 0,67         | 1,02         | 1,12   |
| 2 500              | 15,01   | 16,74 | 18,43 | 20,09 | 21,72 | 23,31 | 24,87 | 26,68 | 28,43 | 30,12 | 32,02 | 35,78 | 39,59 | 0,17                                      | 0,70         | 1,06         | 1,17   |
| 2 600              | 15,45   | 17,23 | 18,97 | 20,68 | 22,34 | 23,96 | 25,55 | 27,39 | 29,16 | 30,87 | 32,78 | 36,52 | -     | 0,17                                      | 0,73         | 1,10         | 1,22   |
| 2 700              | 15,89   | 17,71 | 19,49 | 21,24 | 22,94 | 24,59 | 26,20 | 28,06 | 29,86 | 31,58 | 33,49 | 37,20 | -     | 0,18                                      | 0,75         | 1,14         | 1,26   |
| 2 800              | 16,31   | 18,18 | 20,00 | 21,78 | 23,51 | 25,19 | 26,82 | 28,71 | 30,52 | 32,24 | 34,15 | 37,81 | -     | 0,19                                      | 0,78         | 1,18         | 1,31   |
| 2 880              | 16,64   | 18,54 | 20,40 | 22,20 | 23,96 | 25,66 | 27,30 | 29,20 | 31,02 | 32,74 | 34,63 | -     | -     | 0,19                                      | 0,80         | 1,22         | 1,35   |
| 2 900              | 16,72   | 18,63 | 20,49 | 22,30 | 24,06 | 25,77 | 27,42 | 29,32 | 31,14 | 32,86 | 34,75 | -     | -     | 0,19                                      | 0,81         | 1,23         | 1,36   |
| 3 000              | 17,12   | 19,07 | 20,97 | 22,81 | 24,59 | 26,32 | 27,98 | 29,90 | 31,71 | 33,43 | 35,30 | -     | -     | 0,20                                      | 0,84         | 1,27         | 1,40   |
| 3 100              | 17,51   | 19,49 | 21,42 | 23,29 | 25,10 | 26,84 | 28,52 | 30,44 | 32,25 | 33,95 | 35,80 | -     | -     | 0,21                                      | 0,87         | 1,31         | 1,45   |
| 3 200              | 17,88   | 19,90 | 21,86 | 23,76 | 25,58 | 27,34 | 29,02 | 30,94 | 32,74 | 34,43 | -     | -     | -     | 0,21                                      | 0,89         | 1,35         | 1,50   |
| 3 300              | 18,24   | 20,30 | 22,28 | 24,20 | 26,04 | 27,81 | 29,49 | 31,41 | 33,19 | 34,85 | -     | -     | -     | 0,22                                      | 0,92         | 1,40         | 1,54   |
| 3 400              | 18,59   | 20,67 | 22,69 | 24,62 | 26,48 | 28,25 | 29,93 | 31,83 | 33,60 | -     | -     | -     | -     | 0,23                                      | 0,95         | 1,44         | 1,59   |
| 3 500              | 18,92   | 21,04 | 23,07 | 25,02 | 26,89 | 28,66 | 30,34 | 32,22 | 33,96 | -     | -     | -     | -     | 0,23                                      | 0,98         | 1,48         | 1,64   |
| 3 600              | 19,25   | 21,38 | 23,44 | 25,40 | 27,27 | 29,04 | 30,71 | 32,57 | -     | -     | -     | -     | -     | 0,24                                      | 1,01         | 1,52         | 1,68   |
| 3 700              | 19,55   | 21,71 | 23,78 | 25,75 | 27,62 | 29,39 | 31,04 | 32,88 | -     | -     | -     | -     | -     | 0,25                                      | 1,03         | 1,57         | 1,73   |
| 3 800              | 19,85   | 22,03 | 24,11 | 26,08 | 27,95 | 29,71 | 31,34 | -     | -     | -     | -     | -     | -     | 0,26                                      | 1,06         | 1,61         | 1,78   |
| 3 900              | 20,13   | 22,32 | 24,41 | 26,39 | 28,25 | 29,99 | 31,60 | -     | -     | -     | -     | -     | -     | 0,26                                      | 1,09         | 1,65         | 1,83   |
| 4 000              | 20,39   | 22,60 | 24,70 | 26,67 | 28,53 | 30,25 | -     | -     | -     | -     | -     | -     | -     | 0,27                                      | 1,12         | 1,69         | 1,87   |
| 4 100              | 20,64   | 22,86 | 24,96 | 26,93 | 28,77 | 30,47 | -     | -     | -     | -     | -     | -     | -     | 0,28                                      | 1,15         | 1,73         | 1,92   |
| 4 200              | 20,87   | 23,10 | 25,20 | 27,17 | 28,98 | -     | -     | -     | -     | -     | -     | -     | -     | 0,28                                      | 1,17         | 1,78         | 1,97   |
| 4 300              | 21,09   | 23,33 | 25,42 | 27,37 | 29,17 | -     | -     | -     | -     | -     | -     | -     | -     | 0,29                                      | 1,20         | 1,82         | 2,01   |
| 4 400              | 21,30   | 23,53 | 25,62 | 27,55 | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,30                                      | 1,23         | 1,86         | 2,06   |
| 4 500              | 21,48   | 23,72 | 25,80 | 27,71 | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,30                                      | 1,26         | 1,90         | 2,11   |
| 4 600              | 21,65   | 23,89 | 25,95 | 27,83 | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,31                                      | 1,29         | 1,95         | 2,15   |
| 4 700              | 21,81   | 24,03 | 26,08 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,32                                      | 1,31         | 1,99         | 2,20   |
| 4 800              | 21,95   | 24,16 | 26,18 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,32                                      | 1,34         | 2,03         | 2,25   |
| 4 900              | 22,07   | 24,27 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,33                                      | 1,37         | 2,07         | 2,29   |
| 5 000              | 22,17   | 24,35 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,34                                      | 1,40         | 2,12         | 2,34   |
| 5 100              | 22,26   | 24,41 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,34                                      | 1,42         | 2,16         | 2,39   |
| 5 200              | 22,32   | 24,46 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,35                                      | 1,45         | 2,20         | 2,43   |
| 5 300              | 22,37   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,36                                      | 1,48         | 2,24         | 2,48   |
| 5 400              | 22,40   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,36                                      | 1,51         | 2,28         | 2,53   |
| 5 500              | 22,42   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,37                                      | 1,54         | 2,33         | 2,57   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.



# Power ratings

## Section XPC

Table 9r



| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|--------------|--------------|--------|
|                    | 224   | 236  | 250  | 265  | 280  | 300  | 315  | 335  | 355  | 375  | 400  | 425  | 450  | 475  | 500  | 530  | 560  | 1,00 to 1,05                              | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | kW  |              |              |        |
| 100                | 2,3   | 2,5  | 2,7  | 3,0  | 3,2  | 3,6  | 3,9  | 4,2  | 4,5  | 4,9  | 5,3  | 5,7  | 6,2  | 6,6  | 7,0  | 7,5  | 8,0  | 0,02                                      | 0,10         | 0,17         | 0,19   |
| 200                | 4,3   | 4,7  | 5,1  | 5,6  | 6,2  | 6,8  | 7,3  | 8,0  | 8,7  | 9,3  | 10,1 | 11,0 | 11,8 | 12,6 | 13,4 | 14,4 | 15,4 | 0,05                                      | 0,21         | 0,34         | 0,39   |
| 300                | 6,1   | 6,7  | 7,4  | 8,2  | 8,9  | 9,9  | 10,6 | 11,6 | 12,6 | 13,6 | 14,8 | 16,0 | 17,2 | 18,3 | 19,5 | 20,9 | 22,4 | 0,07                                      | 0,31         | 0,50         | 0,58   |
| 400                | 8,0   | 8,7  | 9,7  | 10,6 | 11,6 | 12,9 | 13,8 | 15,1 | 16,4 | 17,6 | 19,2 | 20,8 | 22,3 | 23,9 | 25,4 | 27,3 | 29,1 | 0,10                                      | 0,42         | 0,67         | 0,78   |
| 500                | 9,7   | 10,7 | 11,8 | 13,0 | 14,2 | 15,8 | 16,9 | 18,5 | 20,1 | 21,6 | 23,5 | 25,4 | 27,3 | 29,2 | 31,1 | 33,3 | 35,5 | 0,12                                      | 0,52         | 0,84         | 0,97   |
| 600                | 11,4  | 12,6 | 13,9 | 15,3 | 16,7 | 18,6 | 20,0 | 21,8 | 23,6 | 25,4 | 27,7 | 29,9 | 32,2 | 34,4 | 36,5 | 39,1 | 41,7 | 0,14                                      | 0,63         | 1,01         | 1,17   |
| 700                | 13,1  | 14,4 | 15,9 | 17,5 | 19,1 | 21,3 | 22,9 | 25,0 | 27,1 | 29,2 | 31,7 | 34,3 | 36,8 | 39,3 | 41,7 | 44,6 | 47,5 | 0,17                                      | 0,73         | 1,18         | 1,36   |
| 720                | 13,4  | 14,7 | 16,3 | 18,0 | 19,6 | 21,8 | 23,4 | 25,6 | 27,8 | 29,9 | 32,5 | 35,1 | 37,7 | 40,2 | 42,7 | 45,7 | 48,6 | 0,17                                      | 0,75         | 1,21         | 1,40   |
| 800                | 14,7  | 16,1 | 17,9 | 19,7 | 21,5 | 23,9 | 25,7 | 28,1 | 30,4 | 32,7 | 35,6 | 38,4 | 41,2 | 44,0 | 46,7 | 49,9 | 53,0 | 0,19                                      | 0,83         | 1,35         | 1,55   |
| 900                | 16,2  | 17,9 | 19,8 | 21,8 | 23,8 | 26,5 | 28,4 | 31,1 | 33,6 | 36,2 | 39,3 | 42,4 | 45,4 | 48,4 | 51,3 | 54,8 | 58,1 | 0,22                                      | 0,94         | 1,51         | 1,75   |
| 960                | 17,1  | 18,9 | 20,9 | 23,0 | 25,2 | 28,0 | 30,0 | 32,8 | 35,5 | 38,2 | 41,5 | 44,7 | 47,9 | 51,0 | 54,0 | 57,5 | 61,0 | 0,23                                      | 1,00         | 1,62         | 1,87   |
| 1 000              | 17,7  | 19,5 | 21,6 | 23,8 | 26,0 | 28,9 | 31,1 | 33,9 | 36,7 | 39,5 | 42,9 | 46,2 | 49,4 | 52,6 | 55,7 | 59,3 | 62,8 | 0,24                                      | 1,04         | 1,68         | 1,94   |
| 1 100              | 19,2  | 21,1 | 23,4 | 25,8 | 28,2 | 31,3 | 33,6 | 36,7 | 39,7 | 42,6 | 46,2 | 49,7 | 53,2 | 56,5 | 59,7 | 63,5 | 67,1 | 0,26                                      | 1,15         | 1,85         | 2,14   |
| 1 200              | 20,6  | 22,7 | 25,1 | 27,7 | 30,3 | 33,6 | 36,1 | 39,3 | 42,5 | 45,6 | 49,4 | 53,1 | 56,6 | 60,1 | 63,4 | 67,2 | 70,8 | 0,29                                      | 1,25         | 2,02         | 2,33   |
| 1 300              | 22,0  | 24,2 | 26,8 | 29,5 | 32,2 | 35,8 | 38,4 | 41,8 | 45,1 | 48,4 | 52,3 | 56,2 | 59,8 | 63,3 | 66,7 | 70,5 | 74,1 | 0,31                                      | 1,35         | 2,19         | 2,53   |
| 1 400              | 23,3  | 25,7 | 28,4 | 31,3 | 34,1 | 37,9 | 40,6 | 44,2 | 47,6 | 51,0 | 55,1 | 59,0 | 62,7 | 66,3 | 69,6 | 73,4 | 76,8 | 0,34                                      | 1,46         | 2,36         | 2,72   |
| 1 440              | 23,8  | 26,2 | 29,0 | 32,0 | 34,9 | 38,7 | 41,5 | 45,1 | 48,6 | 52,0 | 56,1 | 60,0 | 63,8 | 67,3 | 70,6 | 74,3 | 77,7 | 0,34                                      | 1,50         | 2,42         | 2,80   |
| 1 500              | 24,6  | 27,1 | 29,9 | 33,0 | 36,0 | 39,8 | 42,7 | 46,4 | 50,0 | 53,4 | 57,6 | 61,5 | 65,3 | 68,8 | 72,1 | 75,7 | -    | 0,36                                      | 1,56         | 2,52         | 2,91   |
| 1 600              | 25,8  | 28,4 | 31,4 | 34,6 | 37,7 | 41,7 | 44,6 | 48,5 | 52,1 | 55,7 | 59,9 | 63,8 | 67,5 | 70,9 | 74,1 | -    | -    | 0,38                                      | 1,67         | 2,69         | 3,11   |
| 1 700              | 26,9  | 29,7 | 32,8 | 36,1 | 39,3 | 43,4 | 46,5 | 50,4 | 54,1 | 57,7 | 61,9 | 65,8 | 69,4 | -    | -    | -    | -    | 0,41                                      | 1,77         | 2,86         | 3,30   |
| 1 800              | 28,0  | 30,8 | 34,1 | 37,5 | 40,8 | 45,1 | 48,2 | 52,1 | 55,9 | 59,4 | 63,6 | 67,4 | -    | -    | -    | -    | -    | 0,43                                      | 1,88         | 3,03         | 3,50   |
| 1 900              | 29,0  | 32,0 | 35,3 | 38,8 | 42,2 | 46,6 | 49,7 | 53,7 | 57,4 | 61,0 | 65,0 | -    | -    | -    | -    | -    | -    | 0,45                                      | 1,98         | 3,20         | 3,69   |
| 2 000              | 30,0  | 33,0 | 36,5 | 40,0 | 43,5 | 47,9 | 51,1 | 55,1 | 58,8 | 62,3 | 66,2 | -    | -    | -    | -    | -    | -    | 0,48                                      | 2,08         | 3,36         | 3,89   |
| 2 100              | 30,9  | 34,0 | 37,5 | 41,2 | 44,7 | 49,1 | 52,3 | 56,2 | 59,9 | 63,3 | -    | -    | -    | -    | -    | -    | -    | 0,50                                      | 2,19         | 3,53         | 4,08   |
| 2 200              | 31,8  | 34,9 | 38,5 | 42,2 | 45,7 | 50,2 | 53,3 | 57,2 | 60,8 | -    | -    | -    | -    | -    | -    | -    | -    | 0,53                                      | 2,29         | 3,70         | 4,28   |
| 2 300              | 32,5  | 35,7 | 39,4 | 43,1 | 46,7 | 51,1 | 54,2 | 58,0 | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0,55                                      | 2,40         | 3,87         | 4,47   |
| 2 400              | 33,2  | 36,5 | 40,2 | 43,9 | 47,5 | 51,9 | 54,9 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0,57                                      | 2,50         | 4,04         | 4,66   |
| 2 500              | 33,8  | 37,1 | 40,8 | 44,6 | 48,1 | 52,4 | 55,4 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0,60                                      | 2,60         | 4,21         | 4,86   |
| 2 600              | 34,4  | 37,7 | 41,4 | 45,2 | 48,6 | 52,9 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0,62                                      | 2,71         | 4,37         | 5,05   |
| 2 700              | 34,9  | 38,2 | 41,9 | 45,6 | 49,0 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0,65                                      | 2,81         | 4,54         | 5,25   |
| 2 800              | 35,2  | 38,6 | 42,2 | 45,9 | 49,2 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0,67                                      | 2,92         | 4,71         | 5,44   |
| 2 900              | 35,5  | 38,9 | 42,5 | 46,1 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0,69                                      | 3,02         | 4,88         | 5,64   |
| 3 000              | 35,8  | 39,1 | 42,6 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0,72                                      | 3,13         | 5,05         | 5,83   |
| 3 100              | 35,9  | 39,1 | 42,6 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0,74                                      | 3,23         | 5,22         | 6,02   |
| 3 200              | 35,9  | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0,77                                      | 3,33         | 5,38         | 6,22   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

Power ratings  
Section SPZ-XP/3V-XP

Table 9s

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |      |      |      |      |      |      |      |      |       |       |       | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|------|------|------|------|------|------|------|------|-------|-------|-------|---|--------------|--------------|--------|
|                    | 67  | 71   | 75   | 80   | 85   | 90   | 95   | 100  | 112  | 125   | 132   | 140   | 1.00 to 1.05                              | 1.06 to 1.24 | 1.25 to 1.59 | > 1.59 |
|                    | r/min   | kW   |      |      |      |      |      |      |      |       |       |       |   | kW           |              |        |
| 100                | 0,13  | 0,15 | 0,16 | 0,18 | 0,20 | 0,22 | 0,24 | 0,25 | 0,30 | 0,35  | 0,37  | 0,40  | 0,00                                      | 0,01         | 0,01         | 0,01   |
| 500                | 0,53  | 0,60 | 0,67 | 0,75 | 0,83 | 0,92 | 1,00 | 1,08 | 1,28 | 1,49  | 1,61  | 1,74  | 0,01                                      | 0,04         | 0,06         | 0,07   |
| 720                | 0,72  | 0,82 | 0,91 | 1,03 | 1,15 | 1,26 | 1,38 | 1,50 | 1,77 | 2,07  | 2,23  | 2,41  | 0,01                                      | 0,05         | 0,09         | 0,10   |
| 800                | 0,79  | 0,89 | 1,00 | 1,13 | 1,26 | 1,39 | 1,51 | 1,64 | 1,95 | 2,27  | 2,45  | 2,65  | 0,01                                      | 0,06         | 0,10         | 0,11   |
| 900                | 0,87  | 0,99 | 1,10 | 1,25 | 1,39 | 1,53 | 1,68 | 1,82 | 2,16 | 2,52  | 2,72  | 2,94  | 0,01                                      | 0,07         | 0,11         | 0,12   |
| 960                | 0,92  | 1,04 | 1,16 | 1,32 | 1,47 | 1,62 | 1,78 | 1,93 | 2,29 | 2,67  | 2,88  | 3,11  | 0,02                                      | 0,07         | 0,11         | 0,13   |
| 1 000              | 0,95  | 1,08 | 1,21 | 1,36 | 1,52 | 1,68 | 1,84 | 2,00 | 2,37 | 2,77  | 2,98  | 3,23  | 0,02                                      | 0,07         | 0,12         | 0,14   |
| 1 100              | 1,03  | 1,17 | 1,31 | 1,48 | 1,65 | 1,83 | 2,00 | 2,17 | 2,58 | 3,01  | 3,24  | 3,51  | 0,02                                      | 0,08         | 0,13         | 0,15   |
| 1 200              | 1,10  | 1,25 | 1,41 | 1,59 | 1,78 | 1,97 | 2,15 | 2,34 | 2,78 | 3,25  | 3,50  | 3,79  | 0,02                                      | 0,09         | 0,14         | 0,17   |
| 1 300              | 1,18  | 1,34 | 1,50 | 1,71 | 1,91 | 2,11 | 2,31 | 2,51 | 2,98 | 3,49  | 3,76  | 4,06  | 0,02                                      | 0,09         | 0,15         | 0,18   |
| 1 400              | 1,25  | 1,42 | 1,60 | 1,82 | 2,03 | 2,25 | 2,46 | 2,67 | 3,18 | 3,72  | 4,01  | 4,33  | 0,02                                      | 0,10         | 0,17         | 0,20   |
| 1 440              | 1,28  | 1,46 | 1,64 | 1,86 | 2,08 | 2,30 | 2,52 | 2,74 | 3,26 | 3,81  | 4,10  | 4,44  | 0,02                                      | 0,10         | 0,17         | 0,19   |
| 1 500              | 1,32  | 1,51 | 1,69 | 1,92 | 2,15 | 2,38 | 2,61 | 2,84 | 3,37 | 3,95  | 4,25  | 4,60  | 0,02                                      | 0,11         | 0,18         | 0,21   |
| 1 600              | 1,39  | 1,59 | 1,79 | 2,03 | 2,27 | 2,52 | 2,76 | 3,00 | 3,56 | 4,17  | 4,49  | 4,86  | 0,03                                      | 0,12         | 0,19         | 0,22   |
| 1 700              | 1,46  | 1,67 | 1,88 | 2,14 | 2,39 | 2,65 | 2,90 | 3,15 | 3,75 | 4,39  | 4,73  | 5,12  | 0,03                                      | 0,12         | 0,20         | 0,24   |
| 1 800              | 1,53  | 1,75 | 1,97 | 2,24 | 2,51 | 2,78 | 3,05 | 3,31 | 3,94 | 4,61  | 4,97  | 5,37  | 0,03                                      | 0,13         | 0,21         | 0,25   |
| 1 900              | 1,59  | 1,83 | 2,06 | 2,34 | 2,63 | 2,91 | 3,19 | 3,46 | 4,12 | 4,83  | 5,20  | 5,62  | 0,03                                      | 0,14         | 0,23         | 0,26   |
| 2 000              | 1,66  | 1,90 | 2,14 | 2,44 | 2,74 | 3,03 | 3,33 | 3,62 | 4,30 | 5,04  | 5,43  | 5,86  | 0,03                                      | 0,15         | 0,24         | 0,28   |
| 2 100              | 1,72  | 1,98 | 2,23 | 2,54 | 2,85 | 3,16 | 3,46 | 3,77 | 4,48 | 5,25  | 5,65  | 6,10  | 0,03                                      | 0,15         | 0,25         | 0,29   |
| 2 200              | 1,79  | 2,05 | 2,31 | 2,64 | 2,96 | 3,28 | 3,60 | 3,91 | 4,66 | 5,45  | 5,87  | 6,34  | 0,04                                      | 0,16         | 0,26         | 0,30   |
| 2 300              | 1,85  | 2,12 | 2,40 | 2,74 | 3,07 | 3,40 | 3,73 | 4,06 | 4,83 | 5,65  | 6,08  | 6,57  | 0,04                                      | 0,17         | 0,27         | 0,32   |
| 2 400              | 1,91  | 2,20 | 2,48 | 2,83 | 3,18 | 3,52 | 3,86 | 4,20 | 5,00 | 5,85  | 6,30  | 6,80  | 0,04                                      | 0,17         | 0,29         | 0,33   |
| 2 500              | 1,97  | 2,27 | 2,56 | 2,92 | 3,28 | 3,64 | 3,99 | 4,34 | 5,17 | 6,04  | 6,51  | 7,02  | 0,04                                      | 0,18         | 0,30         | 0,35   |
| 2 600              | 2,03  | 2,34 | 2,64 | 3,02 | 3,39 | 3,76 | 4,12 | 4,48 | 5,34 | 6,24  | 6,71  | 7,24  | 0,04                                      | 0,19         | 0,31         | 0,36   |
| 2 700              | 2,09  | 2,41 | 2,72 | 3,11 | 3,49 | 3,87 | 4,25 | 4,62 | 5,50 | 6,42  | 6,91  | 7,46  | 0,04                                      | 0,20         | 0,32         | 0,37   |
| 2 800              | 2,15  | 2,47 | 2,80 | 3,20 | 3,59 | 3,98 | 4,37 | 4,75 | 5,66 | 6,61  | 7,11  | 7,67  | 0,05                                      | 0,20         | 0,33         | 0,39   |
| 2 880              | 2,19  | 2,53 | 2,86 | 3,27 | 3,67 | 4,07 | 4,47 | 4,86 | 5,78 | 6,75  | 7,26  | 7,83  | 0,05                                      | 0,21         | 0,34         | 0,40   |
| 2 900              | 2,20  | 2,54 | 2,87 | 3,28 | 3,69 | 4,09 | 4,49 | 4,89 | 5,81 | 6,79  | 7,30  | 7,87  | 0,05                                      | 0,21         | 0,34         | 0,40   |
| 3 000              | 2,26  | 2,60 | 2,95 | 3,37 | 3,79 | 4,20 | 4,61 | 5,02 | 5,97 | 6,96  | 7,49  | 8,07  | 0,05                                      | 0,22         | 0,36         | 0,42   |
| 3 100              | 2,31  | 2,67 | 3,02 | 3,46 | 3,89 | 4,31 | 4,73 | 5,15 | 6,12 | 7,14  | 7,67  | 8,26  | 0,05                                      | 0,23         | 0,37         | 0,43   |
| 3 200              | 2,37  | 2,73 | 3,09 | 3,54 | 3,98 | 4,42 | 4,85 | 5,27 | 6,27 | 7,31  | 7,85  | 8,45  | 0,05                                      | 0,23         | 0,38         | 0,44   |
| 3 300              | 2,42  | 2,79 | 3,16 | 3,62 | 4,07 | 4,52 | 4,96 | 5,39 | 6,41 | 7,47  | 8,02  | 8,64  | 0,05                                      | 0,24         | 0,39         | 0,46   |
| 3 400              | 2,47  | 2,86 | 3,23 | 3,70 | 4,17 | 4,62 | 5,07 | 5,52 | 6,55 | 7,63  | 8,19  | 8,82  | 0,06                                      | 0,25         | 0,40         | 0,47   |
| 3 500              | 2,52  | 2,92 | 3,30 | 3,78 | 4,26 | 4,72 | 5,18 | 5,63 | 6,69 | 7,79  | 8,36  | 8,99  | 0,06                                      | 0,25         | 0,42         | 0,49   |
| 3 600              | 2,57  | 2,97 | 3,37 | 3,86 | 4,34 | 4,82 | 5,29 | 5,75 | 6,83 | 7,94  | 8,52  | 9,16  | 0,06                                      | 0,26         | 0,43         | 0,50   |
| 3 700              | 2,62  | 3,03 | 3,44 | 3,94 | 4,43 | 4,92 | 5,40 | 5,87 | 6,96 | 8,09  | 8,68  | 9,32  | 0,06                                      | 0,27         | 0,44         | 0,51   |
| 3 800              | 2,67  | 3,09 | 3,50 | 4,01 | 4,52 | 5,01 | 5,50 | 5,98 | 7,09 | 8,24  | 8,83  | 9,48  | 0,06                                      | 0,28         | 0,45         | 0,53   |
| 3 900              | 2,72  | 3,14 | 3,57 | 4,09 | 4,60 | 5,10 | 5,60 | 6,09 | 7,22 | 8,38  | 8,97  | 9,63  | 0,06                                      | 0,28         | 0,46         | 0,54   |
| 4 000              | 2,76  | 3,20 | 3,63 | 4,16 | 4,68 | 5,20 | 5,70 | 6,19 | 7,34 | 8,51  | 9,11  | 9,77  | 0,07                                      | 0,29         | 0,48         | 0,55   |
| 4 200              | 2,85  | 3,30 | 3,75 | 4,30 | 4,84 | 5,37 | 5,89 | 6,40 | 7,58 | 8,77  | 9,38  | 10,04 | 0,07                                      | 0,31         | 0,50         | 0,58   |
| 4 400              | 2,93  | 3,40 | 3,87 | 4,44 | 4,99 | 5,54 | 6,07 | 6,60 | 7,80 | 9,01  | 9,62  | 10,29 | 0,07                                      | 0,32         | 0,52         | 0,61   |
| 4 600              | 3,02  | 3,50 | 3,98 | 4,56 | 5,14 | 5,70 | 6,25 | 6,78 | 8,00 | 9,23  | 9,85  | 10,51 | 0,08                                      | 0,34         | 0,55         | 0,64   |
| 4 800              | 3,09  | 3,59 | 4,08 | 4,69 | 5,28 | 5,85 | 6,41 | 6,96 | 8,20 | 9,43  | 10,05 | 10,70 | 0,08                                      | 0,35         | 0,57         | 0,67   |
| 5 000              | 3,16  | 3,68 | 4,18 | 4,80 | 5,41 | 5,99 | 6,56 | 7,12 | 8,38 | 9,61  | 10,22 | 10,87 | 0,08                                      | 0,36         | 0,59         | 0,69   |
| 5 200              | 3,23  | 3,76 | 4,28 | 4,91 | 5,53 | 6,13 | 6,71 | 7,27 | 8,54 | 9,77  | 10,38 | 11,01 | 0,09                                      | 0,38         | 0,62         | 0,72   |
| 5 400              | 3,30  | 3,84 | 4,37 | 5,02 | 5,64 | 6,25 | 6,84 | 7,41 | 8,68 | 9,91  | 10,50 | 11,11 | 0,09                                      | 0,39         | 0,64         | 0,75   |
| 5 600              | 3,36  | 3,91 | 4,45 | 5,11 | 5,75 | 6,37 | 6,97 | 7,54 | 8,81 | 10,03 | 10,60 | 11,19 | 0,09                                      | 0,41         | 0,67         | 0,78   |
| 5 800              | 3,41  | 3,98 | 4,53 | 5,20 | 5,85 | 6,48 | 7,08 | 7,65 | 8,93 | 10,12 | 10,68 | 11,24 | 0,10                                      | 0,42         | 0,69         | 0,80   |
| 6 000              | 3,46  | 4,04 | 4,60 | 5,28 | 5,94 | 6,57 | 7,18 | 7,76 | 9,02 | 10,19 | 10,73 | -     | 0,10                                      | 0,44         | 0,71         | 0,83   |
| 6 200              | 3,51  | 4,09 | 4,67 | 5,36 | 6,02 | 6,66 | 7,27 | 7,85 | 9,10 | 10,24 | -     | -     | 0,10                                      | 0,45         | 0,74         | 0,86   |
| 6 400              | 3,55  | 4,15 | 4,73 | 5,43 | 6,10 | 6,74 | 7,35 | 7,92 | 9,16 | 10,26 | -     | -     | 0,11                                      | 0,47         | 0,76         | 0,89   |
| 6 600              | 3,58  | 4,19 | 4,78 | 5,49 | 6,16 | 6,80 | 7,41 | 7,98 | 9,20 | -     | -     | -     | 0,11                                      | 0,48         | 0,79         | 0,91   |
| 6 800              | 3,62  | 4,23 | 4,83 | 5,54 | 6,22 | 6,86 | 7,47 | 8,03 | 9,22 | -     | -     | -     | 0,11                                      | 0,50         | 0,81         | 0,94   |
| 7 000              | 3,64  | 4,27 | 4,87 | 5,58 | 6,26 | 6,91 | 7,51 | 8,07 | 9,22 | -     | -     | -     | 0,12                                      | 0,51         | 0,83         | 0,97   |
| 7 200              | 3,67  | 4,29 | 4,90 | 5,62 | 6,30 | 6,94 | 7,54 | 8,09 | -    | -     | -     | -     | 0,12                                      | 0,52         | 0,86         | 1,00   |
| 7 400              | 3,68  | 4,32 | 4,93 | 5,65 | 6,33 | 6,96 | 7,55 | 8,09 | -    | -     | -     | -     | 0,12                                      | 0,54         | 0,88         | 1,03   |
| 7 600              | 3,69  | 4,33 | 4,94 | 5,67 | 6,35 | 6,98 | 7,55 | -    | -    | -     | -     | -     | 0,13                                      | 0,55         | 0,90         | 1,05   |
| 7 800              | 3,70  | 4,34 | 4,96 | 5,68 | 6,35 | -    | -    | -    | -    | -     | -     | -     | 0,13                                      | 0,57         | 0,93         | 1,08   |
| 8 000              | 3,70  | 4,35 | 4,96 | 5,68 | -    | -    | -    | -    | -    | -     | -     | -     | 0,13                                      | 0,58         | 0,95         | 1,11   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel. Pulley diameters for 3V section are outside diameter.

# Power ratings

## Section SPA-XP

Table 9t

1

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |      |      |      |       |       |       |       |       |       |       |       |       | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|--------------|--------------|--------|
|                    | 90  | 95   | 100  | 106  | 112   | 118   | 125   | 132   | 140   | 150   | 160   | 180   | 200   | 1,00 to 1,05                              | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |      |      |      |       |       |       |       |       |       |       |       |       | kW  |              |              |        |
| 100                | 0,26  | 0,29 | 0,32 | 0,36 | 0,40  | 0,43  | 0,48  | 0,52  | 0,57  | 0,63  | 0,70  | 0,82  | 0,94  | 0,00                                      | 0,02         | 0,03         | 0,03   |
| 200                | 0,47  | 0,53 | 0,59 | 0,66 | 0,74  | 0,81  | 0,89  | 0,98  | 1,07  | 1,19  | 1,31  | 1,54  | 1,78  | 0,01                                      | 0,04         | 0,06         | 0,06   |
| 300                | 0,66  | 0,75 | 0,84 | 0,95 | 1,05  | 1,16  | 1,28  | 1,40  | 1,54  | 1,72  | 1,89  | 2,23  | 2,57  | 0,01                                      | 0,06         | 0,08         | 0,09   |
| 400                | 0,85  | 0,96 | 1,08 | 1,22 | 1,36  | 1,49  | 1,65  | 1,81  | 2,00  | 2,22  | 2,45  | 2,90  | 3,34  | 0,02                                      | 0,07         | 0,11         | 0,12   |
| 500                | 1,02  | 1,16 | 1,30 | 1,48 | 1,65  | 1,82  | 2,01  | 2,21  | 2,44  | 2,72  | 2,99  | 3,55  | 4,09  | 0,02                                      | 0,09         | 0,14         | 0,15   |
| 600                | 1,18  | 1,35 | 1,52 | 1,73 | 1,93  | 2,13  | 2,36  | 2,60  | 2,86  | 3,20  | 3,52  | 4,18  | 4,83  | 0,03                                      | 0,11         | 0,17         | 0,18   |
| 700                | 1,34  | 1,54 | 1,74 | 1,97 | 2,20  | 2,44  | 2,71  | 2,98  | 3,28  | 3,66  | 4,04  | 4,80  | 5,55  | 0,03                                      | 0,13         | 0,19         | 0,21   |
| 720                | 1,37  | 1,58 | 1,78 | 2,02 | 2,26  | 2,50  | 2,77  | 3,05  | 3,37  | 3,76  | 4,15  | 4,92  | 5,69  | 0,03                                      | 0,13         | 0,20         | 0,22   |
| 800                | 1,50  | 1,72 | 1,94 | 2,21 | 2,47  | 2,73  | 3,04  | 3,35  | 3,69  | 4,12  | 4,55  | 5,41  | 6,25  | 0,04                                      | 0,15         | 0,22         | 0,24   |
| 900                | 1,65  | 1,89 | 2,14 | 2,44 | 2,73  | 3,03  | 3,37  | 3,71  | 4,09  | 4,58  | 5,05  | 6,00  | 6,94  | 0,04                                      | 0,17         | 0,25         | 0,27   |
| 960                | 1,73  | 2,00 | 2,26 | 2,57 | 2,89  | 3,20  | 3,56  | 3,92  | 4,33  | 4,84  | 5,35  | 6,35  | 7,35  | 0,04                                      | 0,18         | 0,26         | 0,29   |
| 1 000              | 1,79  | 2,07 | 2,34 | 2,66 | 2,99  | 3,31  | 3,69  | 4,06  | 4,49  | 5,02  | 5,54  | 6,59  | 7,62  | 0,04                                      | 0,18         | 0,28         | 0,30   |
| 1 100              | 1,93  | 2,23 | 2,53 | 2,89 | 3,24  | 3,59  | 4,00  | 4,41  | 4,88  | 5,45  | 6,03  | 7,16  | 8,28  | 0,05                                      | 0,20         | 0,30         | 0,33   |
| 1 200              | 2,07  | 2,39 | 2,72 | 3,10 | 3,49  | 3,87  | 4,31  | 4,75  | 5,26  | 5,88  | 6,50  | 7,73  | 8,94  | 0,05                                      | 0,22         | 0,33         | 0,36   |
| 1 300              | 2,20  | 2,55 | 2,90 | 3,32 | 3,73  | 4,14  | 4,62  | 5,09  | 5,63  | 6,30  | 6,97  | 8,28  | 9,58  | 0,06                                      | 0,24         | 0,36         | 0,39   |
| 1 400              | 2,34  | 2,71 | 3,08 | 3,52 | 3,97  | 4,41  | 4,92  | 5,42  | 6,00  | 6,71  | 7,42  | 8,83  | 10,21 | 0,06                                      | 0,26         | 0,39         | 0,42   |
| 1 440              | 2,39  | 2,77 | 3,15 | 3,61 | 4,06  | 4,51  | 5,03  | 5,55  | 6,14  | 6,88  | 7,61  | 9,04  | 10,46 | 0,06                                      | 0,26         | 0,40         | 0,44   |
| 1 500              | 2,46  | 2,86 | 3,26 | 3,73 | 4,20  | 4,67  | 5,21  | 5,75  | 6,36  | 7,12  | 7,87  | 9,36  | 10,82 | 0,07                                      | 0,28         | 0,41         | 0,45   |
| 1 600              | 2,59  | 3,01 | 3,43 | 3,93 | 4,43  | 4,92  | 5,50  | 6,07  | 6,72  | 7,52  | 8,32  | 9,89  | 11,43 | 0,07                                      | 0,29         | 0,44         | 0,48   |
| 1 700              | 2,71  | 3,15 | 3,60 | 4,13 | 4,65  | 5,18  | 5,78  | 6,38  | 7,07  | 7,91  | 8,75  | 10,40 | 12,02 | 0,08                                      | 0,31         | 0,47         | 0,51   |
| 1 800              | 2,83  | 3,30 | 3,76 | 4,32 | 4,87  | 5,42  | 6,06  | 6,69  | 7,41  | 8,30  | 9,18  | 10,91 | 12,60 | 0,08                                      | 0,33         | 0,50         | 0,55   |
| 1 900              | 2,94  | 3,44 | 3,93 | 4,51 | 5,09  | 5,67  | 6,33  | 7,00  | 7,75  | 8,68  | 9,60  | 11,40 | 13,17 | 0,08                                      | 0,35         | 0,52         | 0,58   |
| 2 000              | 3,06  | 3,57 | 4,08 | 4,70 | 5,30  | 5,90  | 6,60  | 7,29  | 8,08  | 9,05  | 10,01 | 11,89 | 13,72 | 0,09                                      | 0,37         | 0,55         | 0,61   |
| 2 100              | 3,17  | 3,71 | 4,24 | 4,88 | 5,51  | 6,14  | 6,87  | 7,59  | 8,40  | 9,41  | 10,41 | 12,36 | 14,26 | 0,09                                      | 0,39         | 0,58         | 0,64   |
| 2 200              | 3,28  | 3,84 | 4,39 | 5,06 | 5,71  | 6,37  | 7,12  | 7,87  | 8,72  | 9,77  | 10,80 | 12,82 | 14,78 | 0,10                                      | 0,40         | 0,61         | 0,67   |
| 2 300              | 3,38  | 3,96 | 4,54 | 5,23 | 5,92  | 6,59  | 7,38  | 8,16  | 9,04  | 10,12 | 11,19 | 13,28 | 15,30 | 0,10                                      | 0,42         | 0,63         | 0,70   |
| 2 400              | 3,48  | 4,09 | 4,69 | 5,40 | 6,11  | 6,82  | 7,63  | 8,43  | 9,34  | 10,46 | 11,57 | 13,72 | 15,79 | 0,11                                      | 0,44         | 0,66         | 0,73   |
| 2 500              | 3,58  | 4,21 | 4,83 | 5,57 | 6,30  | 7,03  | 7,87  | 8,70  | 9,64  | 10,80 | 11,93 | 14,15 | 16,27 | 0,11                                      | 0,46         | 0,69         | 0,76   |
| 2 600              | 3,68  | 4,33 | 4,97 | 5,74 | 6,49  | 7,24  | 8,11  | 8,97  | 9,94  | 11,13 | 12,29 | 14,56 | 16,74 | 0,12                                      | 0,48         | 0,72         | 0,79   |
| 2 700              | 3,77  | 4,44 | 5,11 | 5,90 | 6,68  | 7,45  | 8,34  | 9,23  | 10,22 | 11,44 | 12,64 | 14,97 | 17,19 | 0,12                                      | 0,50         | 0,74         | 0,82   |
| 2 800              | 3,87  | 4,56 | 5,24 | 6,05 | 6,86  | 7,65  | 8,57  | 9,48  | 10,50 | 11,76 | 12,99 | 15,36 | 17,63 | 0,12                                      | 0,51         | 0,77         | 0,85   |
| 2 880              | 3,94  | 4,64 | 5,34 | 6,18 | 7,00  | 7,81  | 8,75  | 9,68  | 10,72 | 12,00 | 13,25 | 15,67 | 17,96 | 0,13                                      | 0,53         | 0,79         | 0,87   |
| 2 900              | 3,96  | 4,67 | 5,37 | 6,21 | 7,03  | 7,85  | 8,80  | 9,73  | 10,78 | 12,06 | 13,32 | 15,74 | 18,04 | 0,13                                      | 0,53         | 0,80         | 0,88   |
| 3 000              | 4,04  | 4,77 | 5,50 | 6,36 | 7,21  | 8,05  | 9,01  | 9,97  | 11,04 | 12,36 | 13,64 | 16,11 | 18,44 | 0,13                                      | 0,55         | 0,83         | 0,91   |
| 3 100              | 4,13  | 4,88 | 5,62 | 6,50 | 7,37  | 8,24  | 9,23  | 10,20 | 11,30 | 12,64 | 13,95 | 16,46 | 18,83 | 0,14                                      | 0,57         | 0,85         | 0,94   |
| 3 200              | 4,21  | 4,98 | 5,74 | 6,64 | 7,54  | 8,42  | 9,43  | 10,43 | 11,55 | 12,92 | 14,25 | 16,81 | 19,19 | 0,14                                      | 0,59         | 0,88         | 0,97   |
| 3 300              | 4,29  | 5,08 | 5,86 | 6,78 | 7,70  | 8,60  | 9,64  | 10,66 | 11,80 | 13,19 | 14,55 | 17,13 | 19,54 | 0,15                                      | 0,61         | 0,91         | 1,00   |
| 3 400              | 4,36  | 5,17 | 5,97 | 6,92 | 7,85  | 8,77  | 9,83  | 10,87 | 12,04 | 13,45 | 14,83 | 17,45 | 19,87 | 0,15                                      | 0,62         | 0,94         | 1,03   |
| 3 500              | 4,44  | 5,26 | 6,08 | 7,05 | 8,00  | 8,94  | 10,02 | 11,08 | 12,27 | 13,71 | 15,10 | 17,74 | 20,18 | 0,16                                      | 0,64         | 0,96         | 1,06   |
| 3 600              | 4,51  | 5,35 | 6,19 | 7,18 | 8,15  | 9,11  | 10,21 | 11,28 | 12,49 | 13,95 | 15,36 | 18,03 | 20,47 | 0,16                                      | 0,66         | 0,99         | 1,09   |
| 3 700              | 4,57  | 5,44 | 6,29 | 7,30 | 8,29  | 9,27  | 10,39 | 11,48 | 12,70 | 14,18 | 15,61 | 18,30 | 20,74 | 0,16                                      | 0,68         | 1,02         | 1,12   |
| 3 800              | 4,64  | 5,52 | 6,39 | 7,42 | 8,43  | 9,42  | 10,56 | 11,67 | 12,91 | 14,41 | 15,85 | 18,55 | 20,99 | 0,17                                      | 0,70         | 1,05         | 1,15   |
| 3 900              | 4,70  | 5,60 | 6,48 | 7,53 | 8,56  | 9,57  | 10,72 | 11,85 | 13,11 | 14,62 | 16,08 | 18,79 | 21,22 | 0,17                                      | 0,72         | 1,07         | 1,18   |
| 4 000              | 4,76  | 5,68 | 6,58 | 7,64 | 8,69  | 9,71  | 10,88 | 12,03 | 13,30 | 14,83 | 16,29 | 19,01 | -     | 0,18                                      | 0,74         | 1,10         | 1,21   |
| 4 100              | 4,82  | 5,75 | 6,67 | 7,75 | 8,81  | 9,85  | 11,04 | 12,20 | 13,48 | 15,02 | 16,49 | 19,22 | -     | 0,18                                      | 0,75         | 1,13         | 1,24   |
| 4 200              | 4,87  | 5,82 | 6,75 | 7,85 | 8,93  | 9,98  | 11,19 | 12,36 | 13,65 | 15,21 | 16,69 | 19,41 | -     | 0,19                                      | 0,77         | 1,16         | 1,27   |
| 4 300              | 4,92  | 5,88 | 6,83 | 7,95 | 9,04  | 10,11 | 11,33 | 12,51 | 13,82 | 15,38 | 16,87 | 19,58 | -     | 0,19                                      | 0,79         | 1,18         | 1,30   |
| 4 400              | 4,97  | 5,95 | 6,91 | 8,04 | 9,15  | 10,23 | 11,46 | 12,66 | 13,97 | 15,54 | 17,03 | 19,73 | -     | 0,20                                      | 0,81         | 1,21         | 1,33   |
| 4 500              | 5,01  | 6,01 | 6,98 | 8,13 | 9,25  | 10,35 | 11,59 | 12,79 | 14,12 | 15,70 | 17,19 | -     | -     | 0,20                                      | 0,83         | 1,24         | 1,36   |
| 4 600              | 5,06  | 6,06 | 7,05 | 8,21 | 9,35  | 10,46 | 11,71 | 12,92 | 14,26 | 15,84 | 17,33 | -     | -     | 0,20                                      | 0,85         | 1,27         | 1,39   |
| 4 700              | 5,09  | 6,12 | 7,12 | 8,29 | 9,44  | 10,56 | 11,83 | 13,05 | 14,38 | 15,97 | 17,45 | -     | -     | 0,21                                      | 0,86         | 1,29         | 1,42   |
| 4 800              | 5,13  | 6,16 | 7,18 | 8,37 | 9,53  | 10,66 | 11,93 | 13,16 | 14,50 | 16,09 | 17,57 | -     | -     | 0,21                                      | 0,88         | 1,32         | 1,45   |
| 4 900              | 5,16  | 6,21 | 7,24 | 8,44 | 9,61  | 10,75 | 12,03 | 13,27 | 14,61 | 16,20 | 17,67 | -     | -     | 0,22                                      | 0,90         | 1,35         | 1,48   |
| 5 000              | 5,19  | 6,25 | 7,29 | 8,51 | 9,69  | 10,83 | 12,13 | 13,36 | 14,71 | 16,29 | -     | -     | -     | 0,22                                      | 0,92         | 1,38         | 1,51   |
| 5 100              | 5,22  | 6,29 | 7,34 | 8,57 | 9,76  | 10,91 | 12,21 | 13,45 | 14,80 | 16,38 | -     | -     | -     | 0,23                                      | 0,94         | 1,40         | 1,54   |
| 5 200              | 5,24  | 6,32 | 7,38 | 8,62 | 9,82  | 10,99 | 12,29 | 13,53 | 14,88 | 16,45 | -     | -     | -     | 0,23                                      | 0,96         | 1,43         | 1,57   |
| 5 300              | 5,26  | 6,35 | 7,43 | 8,67 | 9,88  | 11,05 | 12,36 | 13,61 | 14,95 | -     | -     | -     | -     | 0,24                                      | 0,97         | 1,46         | 1,61   |
| 5 400              | 5,27  | 6,38 | 7,46 | 8,72 | 9,94  | 11,11 | 12,42 | 13,67 | 15,01 | -     | -     | -     | -     | 0,24                                      | 0,99         | 1,49         | 1,64   |
| 5 500              | 5,29  | 6,41 | 7,49 | 8,76 | 9,99  | 11,16 | 12,48 | 13,72 | 15,06 | -     | -     | -     | -     | 0,24                                      | 1,01         | 1,51         | 1,67   |
| 5 600              | 5,30  | 6,42 | 7,52 | 8,80 | 10,03 | 11,21 | 12,52 | 13,77 | 15,10 | -     | -     | -     | -     | 0,25                                      | 1,03         | 1,54         | 1,70   |
| 5 700              | 5,30  | 6,44 | 7,55 | 8,83 | 10,06 | 11,25 | 12,56 | 13,80 | -     | -     | -     | -     | -     | 0,25                                      | 1,05         | 1,57         | 1,73   |
| 5 800              | 5,30  | 6,45 | 7,56 | 8,86 | 10,09 | 11,28 | 12,59 | 13,83 | -     | -     | -     | -     | -     | 0,26                                      | 1,07         | 1,60         | 1,76   |
| 5 900              | 0,00  | 6,46 | 7,58 | 8,88 | 10,12 | 11,31 | 12,62 | 13,85 | -     | -     | -     | -     | -     | 0,26                                      | 1,08         | 1,63         | 1,79   |
| 6 000              | 0,00  | 6,46 | 7,59 | 8,89 | 10,14 | 11,32 | 12,63 | -     | -     | -     | -     | -     | -     | 0,27                                      | 1,10         | 1,65         | 1,82   |
| 6 100              | 0,00  | 0,00 | 7,59 | 8,90 | 10,15 | 11,33 | 12,64 | -     | -     | -     | -     | -     | -     | 0,27                                      | 1,12         | 1,68         | 1,85   |
| 6 200              | 0,00  | 0,00 | 7,59 | 8,90 | 10,15 | 11,34 | -     | -     | -     | -     | -     | -     | -     | 0,28                                      | 1,14         | 1,71         | 1,88   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

Power ratings  
SPB-XP/5V-XP

Table 9u

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |       |       |       |       |       |       |       |       |       |       |       |       | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|--------------|--------------|--------|
|                    | 140   | 150   | 160   | 170   | 180   | 190   | 200   | 212   | 224   | 236   | 250   | 280   | 315   | 1.00 to 1.05                              | 1.06 to 1.24 | 1.25 to 1.59 | > 1.59 |
| r/min              | kW  |       |       |       |       |       |       |       |       |       |       |       |       | kW  |              |              |        |
| 100                | 0,76  | 0,86  | 0,95  | 1,05  | 1,15  | 1,25  | 1,34  | 1,46  | 1,58  | 1,69  | 1,83  | 2,11  | 2,44  | 0,01                                      | 0,04         | 0,07         | 0,08   |
| 200                | 1,39  | 1,58  | 1,76  | 1,95  | 2,14  | 2,32  | 2,51  | 2,73  | 2,95  | 3,17  | 3,43  | 3,98  | 4,61  | 0,02                                      | 0,08         | 0,14         | 0,16   |
| 300                | 1,97  | 2,24  | 2,52  | 2,79  | 3,07  | 3,34  | 3,61  | 3,93  | 4,25  | 4,58  | 4,95  | 5,74  | 6,66  | 0,03                                      | 0,12         | 0,21         | 0,24   |
| 400                | 2,52  | 2,88  | 3,24  | 3,60  | 3,95  | 4,31  | 4,66  | 5,08  | 5,50  | 5,92  | 6,41  | 7,45  | 8,65  | 0,04                                      | 0,17         | 0,27         | 0,32   |
| 500                | 3,04  | 3,49  | 3,93  | 4,37  | 4,81  | 5,24  | 5,68  | 6,20  | 6,72  | 7,23  | 7,83  | 9,10  | 10,57 | 0,05                                      | 0,21         | 0,34         | 0,41   |
| 600                | 3,55  | 4,08  | 4,60  | 5,12  | 5,64  | 6,15  | 6,67  | 7,28  | 7,90  | 8,50  | 9,21  | 10,71 | 12,45 | 0,06                                      | 0,25         | 0,41         | 0,49   |
| 700                | 4,04  | 4,65  | 5,25  | 5,85  | 6,45  | 7,04  | 7,63  | 8,34  | 9,05  | 9,75  | 10,56 | 12,29 | 14,28 | 0,07                                      | 0,29         | 0,48         | 0,57   |
| 720                | 4,14  | 4,76  | 5,38  | 5,99  | 6,61  | 7,22  | 7,83  | 8,55  | 9,27  | 9,99  | 10,83 | 12,60 | 14,65 | 0,07                                      | 0,30         | 0,49         | 0,58   |
| 800                | 4,52  | 5,20  | 5,88  | 6,56  | 7,24  | 7,91  | 8,58  | 9,38  | 10,17 | 10,96 | 11,88 | 13,83 | 16,08 | 0,07                                      | 0,33         | 0,55         | 0,65   |
| 900                | 4,98  | 5,74  | 6,50  | 7,26  | 8,01  | 8,76  | 9,50  | 10,39 | 11,28 | 12,16 | 13,17 | 15,34 | 17,83 | 0,08                                      | 0,37         | 0,62         | 0,73   |
| 960                | 5,25  | 6,06  | 6,87  | 7,67  | 8,47  | 9,26  | 10,05 | 10,99 | 11,93 | 12,86 | 13,94 | 16,23 | 18,87 | 0,09                                      | 0,40         | 0,66         | 0,78   |
| 1 000              | 5,43  | 6,27  | 7,11  | 7,94  | 8,77  | 9,59  | 10,41 | 11,39 | 12,36 | 13,32 | 14,44 | 16,82 | 19,55 | 0,09                                      | 0,41         | 0,69         | 0,81   |
| 1 100              | 5,87  | 6,79  | 7,70  | 8,61  | 9,51  | 10,41 | 11,30 | 12,36 | 13,42 | 14,47 | 15,69 | 18,27 | 21,23 | 0,10                                      | 0,46         | 0,76         | 0,89   |
| 1 200              | 6,30  | 7,30  | 8,28  | 9,26  | 10,24 | 11,21 | 12,17 | 13,32 | 14,46 | 15,59 | 16,91 | 19,68 | 22,87 | 0,11                                      | 0,50         | 0,82         | 0,97   |
| 1 300              | 6,73  | 7,79  | 8,85  | 9,90  | 10,95 | 11,99 | 13,02 | 14,26 | 15,48 | 16,69 | 18,10 | 21,07 | 24,47 | 0,12                                      | 0,54         | 0,89         | 1,05   |
| 1 400              | 7,14  | 8,28  | 9,41  | 10,53 | 11,65 | 12,76 | 13,86 | 15,18 | 16,48 | 17,78 | 19,27 | 22,43 | 26,04 | 0,13                                      | 0,58         | 0,96         | 1,13   |
| 1 440              | 7,30  | 8,47  | 9,63  | 10,78 | 11,93 | 13,07 | 14,20 | 15,54 | 16,88 | 18,20 | 19,73 | 22,97 | 26,66 | 0,13                                      | 0,60         | 0,99         | 1,17   |
| 1 500              | 7,54  | 8,75  | 9,96  | 11,15 | 12,34 | 13,52 | 14,69 | 16,08 | 17,46 | 18,83 | 20,42 | 23,76 | 27,57 | 0,14                                      | 0,62         | 1,03         | 1,22   |
| 1 600              | 7,94  | 9,22  | 10,49 | 11,76 | 13,01 | 14,26 | 15,50 | 16,97 | 18,43 | 19,87 | 21,54 | 25,06 | 29,06 | 0,15                                      | 0,66         | 1,10         | 1,30   |
| 1 700              | 8,32  | 9,68  | 11,02 | 12,35 | 13,68 | 14,99 | 16,29 | 17,84 | 19,37 | 20,89 | 22,64 | 26,33 | 30,51 | 0,16                                      | 0,70         | 1,17         | 1,38   |
| 1 800              | 8,70  | 10,12 | 11,54 | 12,94 | 14,32 | 15,70 | 17,07 | 18,69 | 20,30 | 21,89 | 23,72 | 27,57 | 31,91 | 0,17                                      | 0,75         | 1,24         | 1,46   |
| 1 900              | 9,07  | 10,56 | 12,04 | 13,51 | 14,96 | 16,40 | 17,83 | 19,53 | 21,20 | 22,86 | 24,77 | 28,77 | 33,28 | 0,18                                      | 0,79         | 1,31         | 1,54   |
| 2 000              | 9,43  | 10,99 | 12,54 | 14,07 | 15,59 | 17,09 | 18,58 | 20,34 | 22,09 | 23,81 | 25,80 | 29,95 | 34,60 | 0,19                                      | 0,83         | 1,37         | 1,62   |
| 2 100              | 9,79  | 11,41 | 13,02 | 14,62 | 16,20 | 17,76 | 19,31 | 21,14 | 22,95 | 24,74 | 26,80 | 31,09 | 35,88 | 0,20                                      | 0,87         | 1,44         | 1,70   |
| 2 200              | 10,13   | 11,82 | 13,50 | 15,16 | 16,80 | 18,42 | 20,02 | 21,92 | 23,80 | 25,65 | 27,77 | 32,19 | 37,11 | 0,21                                      | 0,91         | 1,51         | 1,78   |
| 2 300              | 10,47   | 12,23 | 13,96 | 15,68 | 17,38 | 19,06 | 20,72 | 22,69 | 24,62 | 26,53 | 28,72 | 33,26 | 38,30 | 0,22                                      | 0,95         | 1,58         | 1,86   |
| 2 400              | 10,80   | 12,62 | 14,42 | 16,20 | 17,96 | 19,69 | 21,41 | 23,43 | 25,43 | 27,39 | 29,64 | 34,30 | 39,44 | 0,22                                      | 0,99         | 1,65         | 1,94   |
| 2 500              | 11,13   | 13,01 | 14,87 | 16,70 | 18,52 | 20,31 | 22,07 | 24,16 | 26,21 | 28,23 | 30,53 | 35,29 | 40,52 | 0,23                                      | 1,04         | 1,72         | 2,03   |
| 2 600              | 11,44   | 13,38 | 15,30 | 17,19 | 19,06 | 20,91 | 22,72 | 24,87 | 26,97 | 29,04 | 31,40 | 36,25 | -     | 0,24                                      | 1,08         | 1,79         | 2,11   |
| 2 700              | 11,75   | 13,75 | 15,73 | 17,67 | 19,60 | 21,49 | 23,36 | 25,56 | 27,71 | 29,83 | 32,23 | 37,18 | -     | 0,25                                      | 1,12         | 1,86         | 2,19   |
| 2 800              | 12,05   | 14,11 | 16,14 | 18,14 | 20,12 | 22,06 | 23,97 | 26,22 | 28,43 | 30,59 | 33,04 | 38,06 | -     | 0,26                                      | 1,16         | 1,92         | 2,27   |
| 2 880              | 12,28   | 14,39 | 16,46 | 18,51 | 20,52 | 22,50 | 24,45 | 26,74 | 28,99 | 31,18 | 33,66 | -     | -     | 0,27                                      | 1,19         | 1,98         | 2,33   |
| 2 900              | 12,34   | 14,46 | 16,54 | 18,60 | 20,62 | 22,61 | 24,57 | 26,87 | 29,12 | 31,32 | 33,82 | -     | -     | 0,27                                      | 1,20         | 1,99         | 2,35   |
| 3 000              | 12,62   | 14,80 | 16,94 | 19,05 | 21,12 | 23,15 | 25,15 | 27,50 | 29,79 | 32,03 | 34,56 | -     | -     | 0,28                                      | 1,24         | 2,06         | 2,43   |
| 3 100              | 12,90   | 15,13 | 17,32 | 19,48 | 21,60 | 23,67 | 25,71 | 28,11 | 30,44 | 32,71 | 35,27 | -     | -     | 0,29                                      | 1,29         | 2,13         | 2,51   |
| 3 200              | 13,17   | 15,45 | 17,69 | 19,90 | 22,06 | 24,18 | 26,26 | 28,69 | 31,06 | 33,36 | -     | -     | -     | 0,30                                      | 1,33         | 2,20         | 2,59   |
| 3 300              | 13,43   | 15,76 | 18,05 | 20,30 | 22,51 | 24,67 | 26,78 | 29,26 | 31,66 | 33,99 | -     | -     | -     | 0,31                                      | 1,37         | 2,27         | 2,67   |
| 3 400              | 13,68   | 16,06 | 18,40 | 20,70 | 22,95 | 25,14 | 27,29 | 29,80 | 32,23 | -     | -     | -     | -     | 0,32                                      | 1,41         | 2,34         | 2,75   |
| 3 500              | 13,92   | 16,36 | 18,74 | 21,08 | 23,37 | 25,60 | 27,78 | 30,32 | 32,78 | -     | -     | -     | -     | 0,33                                      | 1,45         | 2,41         | 2,84   |
| 3 600              | 14,15   | 16,64 | 19,07 | 21,45 | 23,77 | 26,04 | 28,25 | 30,82 | -     | -     | -     | -     | -     | 0,34                                      | 1,49         | 2,47         | 2,92   |
| 3 700              | 14,38   | 16,91 | 19,39 | 21,80 | 24,16 | 26,46 | 28,69 | 31,29 | -     | -     | -     | -     | -     | 0,35                                      | 1,53         | 2,54         | 3,00   |
| 3 800              | 14,60   | 17,17 | 19,69 | 22,14 | 24,54 | 26,86 | 29,12 | -     | -     | -     | -     | -     | -     | 0,36                                      | 1,58         | 2,61         | 3,08   |
| 3 900              | 14,81   | 17,43 | 19,98 | 22,47 | 24,89 | 27,25 | 29,53 | -     | -     | -     | -     | -     | -     | 0,37                                      | 1,62         | 2,68         | 3,16   |
| 4 000              | 15,01   | 17,67 | 20,26 | 22,79 | 25,24 | 27,61 | -     | -     | -     | -     | -     | -     | -     | 0,37                                      | 1,66         | 2,75         | 3,24   |
| 4 100              | 15,20   | 17,90 | 20,53 | 23,08 | 25,56 | 27,96 | -     | -     | -     | -     | -     | -     | -     | 0,38                                      | 1,70         | 2,82         | 3,32   |
| 4 200              | 15,38   | 18,12 | 20,78 | 23,37 | 25,87 | -     | -     | -     | -     | -     | -     | -     | -     | 0,39                                      | 1,74         | 2,89         | 3,40   |
| 4 300              | 15,55   | 18,33 | 21,03 | 23,64 | 26,16 | -     | -     | -     | -     | -     | -     | -     | -     | 0,40                                      | 1,78         | 2,95         | 3,48   |
| 4 400              | 15,72   | 18,53 | 21,26 | 23,89 | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,41                                      | 1,82         | 3,02         | 3,57   |
| 4 500              | 15,87   | 18,72 | 21,47 | 24,13 | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,42                                      | 1,87         | 3,09         | 3,65   |
| 4 600              | 16,02   | 18,90 | 21,68 | 24,36 | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,43                                      | 1,91         | 3,16         | 3,73   |
| 4 700              | 16,15   | 19,06 | 21,87 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,44                                      | 1,95         | 3,23         | 3,81   |
| 4 800              | 16,28   | 19,22 | 22,04 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,45                                      | 1,99         | 3,30         | 3,89   |
| 4 900              | 16,39   | 19,36 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,46                                      | 2,03         | 3,37         | 3,97   |
| 5 000              | 16,50   | 19,49 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,47                                      | 2,07         | 3,44         | 4,05   |
| 5 100              | 16,60   | 19,61 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,48                                      | 2,11         | 3,50         | 4,13   |
| 5 200              | 16,68   | 19,71 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,49                                      | 2,16         | 3,57         | 4,21   |
| 5 300              | 16,76   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,50                                      | 2,20         | 3,64         | 4,29   |
| 5 400              | 16,82   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,51                                      | 2,24         | 3,71         | 4,38   |
| 5 500              | 16,88   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,51                                      | 2,28         | 3,78         | 4,46   |

# Power ratings

## Section SPC-XP

Table 9v



| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | Additional power per belt for speed ratio |              |              |        |
|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|--------------|--------------|--------|
|                    | 224   | 236   | 250   | 265   | 280   | 300   | 315   | 335   | 355   | 375   | 400   | 425   | 450   | 475   | 500   | 530   | 560   | 1,00 to 1,05                              | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min              | kW  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | kW  |              |              |        |
| 100                | 2,21  | 2,42  | 2,67  | 2,94  | 3,20  | 3,55  | 3,81  | 4,15  | 4,50  | 4,84  | 5,27  | 5,69  | 6,12  | 6,54  | 6,96  | 7,46  | 7,96  | 0,03                                      | 0,12         | 0,22         | 0,28   |
| 200                | 4,01  | 4,42  | 4,89  | 5,39  | 5,89  | 6,55  | 7,04  | 7,70  | 8,35  | 9,00  | 9,81  | 10,62 | 11,42 | 12,22 | 13,01 | 13,96 | 14,91 | 0,05                                      | 0,25         | 0,44         | 0,55   |
| 300                | 5,65  | 6,24  | 6,92  | 7,65  | 8,38  | 9,34  | 10,06 | 11,01 | 11,96 | 12,90 | 14,07 | 15,24 | 16,40 | 17,55 | 18,70 | 20,07 | 21,43 | 0,08                                      | 0,37         | 0,66         | 0,83   |
| 400                | 7,19  | 7,96  | 8,85  | 9,79  | 10,73 | 11,98 | 12,92 | 14,15 | 15,38 | 16,61 | 18,13 | 19,64 | 21,14 | 22,63 | 24,11 | 25,88 | 27,64 | 0,11                                      | 0,49         | 0,88         | 1,10   |
| 500                | 8,65  | 9,59  | 10,67 | 11,83 | 12,99 | 14,52 | 15,66 | 17,17 | 18,67 | 20,16 | 22,02 | 23,86 | 25,68 | 27,50 | 29,30 | 31,44 | 33,57 | 0,13                                      | 0,62         | 1,09         | 1,38   |
| 600                | 10,04   | 11,14 | 12,43 | 13,79 | 15,15 | 16,95 | 18,29 | 20,07 | 21,83 | 23,59 | 25,76 | 27,92 | 30,05 | 32,17 | 34,28 | 36,78 | 39,25 | 0,16                                      | 0,74         | 1,31         | 1,65   |
| 700                | 11,37   | 12,64 | 14,11 | 15,68 | 17,24 | 19,30 | 20,83 | 22,87 | 24,89 | 26,89 | 29,37 | 31,82 | 34,26 | 36,66 | 39,05 | 41,88 | 44,67 | 0,19                                      | 0,86         | 1,53         | 1,93   |
| 720                | 11,63   | 12,93 | 14,44 | 16,05 | 17,64 | 19,76 | 21,33 | 23,42 | 25,48 | 27,53 | 30,07 | 32,59 | 35,08 | 37,54 | 39,98 | 42,87 | 45,72 | 0,19                                      | 0,89         | 1,58         | 1,98   |
| 800                | 12,65   | 14,07 | 15,73 | 17,50 | 19,25 | 21,56 | 23,29 | 25,57 | 27,83 | 30,07 | 32,84 | 35,58 | 38,29 | 40,97 | 43,61 | 46,74 | 49,83 | 0,21                                      | 0,98         | 1,75         | 2,20   |
| 900                | 13,87   | 15,46 | 17,30 | 19,25 | 21,19 | 23,75 | 25,66 | 28,17 | 30,67 | 33,13 | 36,18 | 39,19 | 42,15 | 45,08 | 47,96 | 51,37 | 54,71 | 0,24                                      | 1,11         | 1,97         | 2,48   |
| 960                | 14,59   | 16,26 | 18,21 | 20,27 | 22,32 | 25,03 | 27,04 | 29,69 | 32,32 | 34,92 | 38,12 | 41,28 | 44,39 | 47,46 | 50,47 | 54,02 | 57,50 | 0,26                                      | 1,18         | 2,10         | 2,64   |
| 1 000              | 15,05   | 16,79 | 18,80 | 20,94 | 23,06 | 25,86 | 27,94 | 30,69 | 33,40 | 36,08 | 39,39 | 42,64 | 45,85 | 49,00 | 52,10 | 55,74 | 59,31 | 0,27                                      | 1,23         | 2,19         | 2,75   |
| 1 100              | 16,19   | 18,07 | 20,25 | 22,57 | 24,87 | 27,90 | 30,14 | 33,10 | 36,02 | 38,91 | 42,46 | 45,94 | 49,36 | 52,72 | 56,00 | 59,86 | 63,61 | 0,29                                      | 1,35         | 2,41         | 3,03   |
| 1 200              | 17,28   | 19,31 | 21,65 | 24,14 | 26,61 | 29,85 | 32,26 | 35,42 | 38,54 | 41,61 | 45,38 | 49,08 | 52,69 | 56,22 | 59,67 | 63,69 | 67,59 | 0,32                                      | 1,48         | 2,63         | 3,30   |
| 1 300              | 18,32   | 20,49 | 23,00 | 25,66 | 28,28 | 31,74 | 34,29 | 37,65 | 40,95 | 44,19 | 48,17 | 52,05 | 55,83 | 59,51 | 63,09 | 67,24 | 71,23 | 0,35                                      | 1,60         | 2,85         | 3,58   |
| 1 400              | 19,33   | 21,63 | 24,29 | 27,11 | 29,89 | 33,54 | 36,24 | 39,77 | 43,24 | 46,65 | 50,80 | 54,84 | 58,76 | 62,57 | 66,24 | 70,48 | 74,53 | 0,37                                      | 1,72         | 3,06         | 3,85   |
| 1 440              | 19,72   | 22,07 | 24,79 | 27,67 | 30,51 | 34,24 | 36,99 | 40,60 | 44,13 | 47,59 | 51,81 | 55,91 | 59,88 | 63,72 | 67,43 | 71,69 | 75,75 | 0,38                                      | 1,77         | 3,15         | 3,96   |
| 1 500              | 20,29   | 22,72 | 25,53 | 28,50 | 31,42 | 35,26 | 38,09 | 41,80 | 45,42 | 48,97 | 53,28 | 57,45 | 61,49 | 65,38 | 69,12 | 73,40 | -     | 0,40                                      | 1,85         | 3,28         | 4,13   |
| 1 600              | 21,20   | 23,76 | 26,71 | 29,83 | 32,89 | 36,91 | 39,86 | 43,71 | 47,48 | 51,15 | 55,59 | 59,88 | 64,00 | 67,94 | 71,71 | -     | -     | 0,43                                      | 1,97         | 3,50         | 4,40   |
| 1 700              | 22,08   | 24,76 | 27,84 | 31,09 | 34,29 | 38,47 | 41,53 | 45,52 | 49,41 | 53,18 | 57,74 | 62,10 | 66,28 | -     | -     | -     | -     | 0,45                                      | 2,09         | 3,72         | 4,68   |
| 1 800              | 22,90   | 25,70 | 28,91 | 32,29 | 35,61 | 39,94 | 43,11 | 47,22 | 51,21 | 55,07 | 59,71 | 64,13 | -     | -     | -     | -     | -     | 0,48                                      | 2,22         | 3,94         | 4,95   |
| 1 900              | 23,69   | 26,59 | 29,93 | 33,43 | 36,86 | 41,32 | 44,58 | 48,80 | 52,88 | 56,81 | 61,50 | -     | -     | -     | -     | -     | -     | 0,51                                      | 2,34         | 4,16         | 5,23   |
| 2 000              | 24,42   | 27,43 | 30,88 | 34,50 | 38,04 | 42,62 | 45,96 | 50,27 | 54,41 | 58,38 | 63,10 | -     | -     | -     | -     | -     | -     | 0,53                                      | 2,46         | 4,38         | 5,50   |
| 2 100              | 25,12   | 28,22 | 31,78 | 35,50 | 39,13 | 43,82 | 47,23 | 51,61 | 55,80 | 59,79 | -     | -     | -     | -     | -     | -     | -     | 0,56                                      | 2,58         | 4,60         | 5,78   |
| 2 200              | 25,76   | 28,96 | 32,61 | 36,43 | 40,14 | 44,93 | 48,39 | 52,82 | 57,04 | -     | -     | -     | -     | -     | -     | -     | -     | 0,59                                      | 2,71         | 4,82         | 6,05   |
| 2 300              | 26,35   | 29,64 | 33,38 | 37,29 | 41,07 | 45,93 | 49,43 | 53,90 | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,61                                      | 2,83         | 5,03         | 6,33   |
| 2 400              | 26,90   | 30,27 | 34,09 | 38,07 | 41,92 | 46,84 | 50,37 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,64                                      | 2,95         | 5,25         | 6,60   |
| 2 500              | 27,40   | 30,83 | 34,73 | 38,78 | 42,68 | 47,64 | 51,18 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,66                                      | 3,08         | 5,47         | 6,88   |
| 2 600              | 27,84   | 31,34 | 35,31 | 39,41 | 43,34 | 48,33 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,69                                      | 3,20         | 5,69         | 7,15   |
| 2 700              | 28,23   | 31,79 | 35,81 | 39,96 | 43,92 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,72                                      | 3,32         | 5,91         | 7,43   |
| 2 800              | 28,57   | 32,18 | 36,25 | 40,42 | 44,40 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,74                                      | 3,45         | 6,13         | 7,71   |
| 2 900              | 28,85   | 32,51 | 36,61 | 40,80 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,77                                      | 3,57         | 6,35         | 7,98   |
| 3 000              | 29,08   | 32,77 | 36,90 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,80                                      | 3,69         | 6,57         | 8,26   |
| 3 100              | 29,25   | 32,97 | 37,11 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,82                                      | 3,82         | 6,79         | 8,53   |
| 3 200              | 29,36   | 33,09 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,85                                      | 3,94         | 7,01         | 8,81   |
| 3 300              | 29,41   | 33,15 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0,88                                      | 4,06         | 7,22         | 9,08   |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

Power ratings  
Section 8V-XP

Table 9w

| Faster shaft speed | Rated power per belt for small pulley pitch diameter |              |              |              |              |              |              |              |              |              |              |              | Additional power per belt for speed ratio |                 |                 |        |  |
|--------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---|-----------------|-----------------|--------|--|
|                    | [in.]<br>[mm]  | 12.50<br>318 | 13.20<br>335 | 14.00<br>356 | 15.00<br>381 | 16.00<br>406 | 17.00<br>432 | 18.00<br>457 | 19.00<br>483 | 20.00<br>508 | 21.20<br>538 | 22.40<br>569 | 1.00 to<br>1.05                           | 1.06 to<br>1.24 | 1.25 to<br>1.59 | > 1.59 |  |
| r/min              | –  | kW           |              |              |              |              |              |              |              |              |              |              |   | kW              |                 |        |  |
| 435                |  | 17,03        | 18,74        | 20,68        | 23,09        | 25,48        | 27,85        | 30,20        | 32,53        | 34,84        | 37,59        | 40,31        | 0,19                                      | 0,85            | 1,47            | 1,79   |  |
| 485                |  | 18,69        | 20,57        | 22,71        | 25,36        | 27,98        | 30,59        | 33,16        | 35,72        | 38,25        | 41,25        | 44,21        | 0,21                                      | 0,95            | 1,64            | 1,99   |  |
| 575                |  | 21,57        | 23,76        | 26,23        | 29,30        | 32,33        | 35,32        | 38,28        | 41,21        | 44,10        | 47,52        | 50,88        | 0,25                                      | 1,13            | 1,94            | 2,36   |  |
| 690                |  | 25,07        | 27,61        | 30,50        | 34,05        | 37,56        | 41,01        | 44,41        | 47,76        | 51,05        | 54,92        | 58,70        | 0,30                                      | 1,35            | 2,33            | 2,83   |  |
| 725                |  | 26,09        | 28,74        | 31,74        | 35,44        | 39,08        | 42,66        | 46,18        | 49,64        | 53,04        | 57,03        | 60,91        | 0,31                                      | 1,42            | 2,45            | 2,98   |  |
| 870                |  | 30,10        | 33,17        | 36,62        | 40,85        | 44,99        | 49,04        | 53,00        | 56,85        | 60,60        | 64,97        | 69,17        | 0,38                                      | 1,71            | 2,94            | 3,57   |  |
| 950                |  | 32,17        | 35,43        | 39,11        | 43,60        | 47,98        | 52,24        | 56,38        | 60,39        | 64,28        | 68,76        | 73,04        | 0,41                                      | 1,86            | 3,21            | 3,90   |  |
| 1 160              |  | 37,03        | 40,76        | 44,91        | 49,93        | 54,77        | 59,41        | 63,84        | 68,05        | 72,03        | 76,50        | 80,62        | 0,50                                      | 2,28            | 3,91            | 4,76   |  |
| 1 425              |  | 41,93        | 46,04        | 50,55        | 55,91        | 60,94        | 65,61        | 69,91        | 73,83        | 77,35        | 81,00        | 84,01        | 0,62                                      | 2,80            | 4,81            | 5,85   |  |
| 1 750              |  | 45,76        | 49,99        | 54,51        | 59,66        | 64,20        | 68,12        | 71,38        | –            | –            | –            | –            | 0,76                                      | 3,44            | 5,91            | 7,19   |  |
| 50                 |  | 2,49         | 2,72         | 2,98         | 3,31         | 3,63         | 3,95         | 4,27         | 4,59         | 4,91         | 5,29         | 5,67         | 0,02                                      | 0,10            | 0,17            | 0,21   |  |
| 100                |  | 4,65         | 5,09         | 5,59         | 6,21         | 6,83         | 7,45         | 8,07         | 8,68         | 9,29         | 10,02        | 10,75        | 0,04                                      | 0,20            | 0,34            | 0,41   |  |
| 150                |  | 6,69         | 7,33         | 8,06         | 8,97         | 9,87         | 10,77        | 11,67        | 12,56        | 13,45        | 14,52        | 15,58        | 0,06                                      | 0,29            | 0,51            | 0,62   |  |
| 200                |  | 8,63         | 9,47         | 10,43        | 11,62        | 12,80        | 13,97        | 15,14        | 16,31        | 17,47        | 18,86        | 20,24        | 0,09                                      | 0,39            | 0,67            | 0,82   |  |
| 250                |  | 10,52        | 11,55        | 12,72        | 14,18        | 15,63        | 17,08        | 18,51        | 19,94        | 21,37        | 23,06        | 24,75        | 0,11                                      | 0,49            | 0,84            | 1,03   |  |
| 300                |  | 12,34        | 13,56        | 14,95        | 16,67        | 18,39        | 20,09        | 21,79        | 23,47        | 25,15        | 27,15        | 29,13        | 0,13                                      | 0,59            | 1,01            | 1,23   |  |
| 350                |  | 14,12        | 15,52        | 17,12        | 19,10        | 21,07        | 23,03        | 24,97        | 26,91        | 28,83        | 31,11        | 33,38        | 0,15                                      | 0,69            | 1,18            | 1,44   |  |
| 400                |  | 15,85        | 17,43        | 19,23        | 21,47        | 23,69        | 25,89        | 28,08        | 30,25        | 32,40        | 34,97        | 37,51        | 0,17                                      | 0,79            | 1,35            | 1,64   |  |
| 450                |  | 17,53        | 19,29        | 21,30        | 23,78        | 26,24        | 28,68        | 31,10        | 33,50        | 35,88        | 38,70        | 41,50        | 0,19                                      | 0,88            | 1,52            | 1,85   |  |
| 500                |  | 19,18        | 21,11        | 23,31        | 26,03        | 28,72        | 31,39        | 34,04        | 36,65        | 39,25        | 42,32        | 45,36        | 0,22                                      | 0,98            | 1,69            | 2,05   |  |
| 550                |  | 20,78        | 22,89        | 25,27        | 28,22        | 31,14        | 34,03        | 36,89        | 39,72        | 42,51        | 45,82        | 49,08        | 0,24                                      | 1,08            | 1,86            | 2,26   |  |
| 600                |  | 22,35        | 24,61        | 27,18        | 30,36        | 33,50        | 36,60        | 39,66        | 42,68        | 45,66        | 49,19        | 52,65        | 0,26                                      | 1,18            | 2,02            | 2,46   |  |
| 650                |  | 23,87        | 26,30        | 29,04        | 32,43        | 35,78        | 39,08        | 42,34        | 45,54        | 48,70        | 52,43        | 56,08        | 0,28                                      | 1,28            | 2,19            | 2,67   |  |
| 700                |  | 25,36        | 27,94        | 30,85        | 34,45        | 38,00        | 41,49        | 44,92        | 48,30        | 51,62        | 55,53        | 59,34        | 0,30                                      | 1,37            | 2,36            | 2,88   |  |
| 750                |  | 26,80        | 29,53        | 32,61        | 36,41        | 40,14        | 43,81        | 47,42        | 50,95        | 54,42        | 58,49        | 62,44        | 0,32                                      | 1,47            | 2,53            | 3,08   |  |
| 800                |  | 28,21        | 31,08        | 34,32        | 38,30        | 42,22        | 46,05        | 49,81        | 53,49        | 57,09        | 61,30        | 65,37        | 0,35                                      | 1,57            | 2,70            | 3,29   |  |
| 850                |  | 29,57        | 32,58        | 35,97        | 40,13        | 44,21        | 48,21        | 52,11        | 55,92        | 59,63        | 63,95        | 68,12        | 0,37                                      | 1,67            | 2,87            | 3,49   |  |
| 900                |  | 30,89        | 34,03        | 37,57        | 41,90        | 46,13        | 50,27        | 54,30        | 58,22        | 62,03        | 66,44        | 70,68        | 0,39                                      | 1,77            | 3,04            | 3,70   |  |
| 950                |  | 32,17        | 35,43        | 39,11        | 43,60        | 47,98        | 52,24        | 56,38        | 60,39        | 64,28        | 68,76        | 73,04        | 0,41                                      | 1,86            | 3,21            | 3,90   |  |
| 1 000              |  | 33,40        | 36,79        | 40,59        | 45,22        | 49,73        | 54,11        | 58,35        | 62,44        | 66,38        | 70,91        | 75,20        | 0,43                                      | 1,96            | 3,37            | 4,11   |  |
| 1 050              |  | 34,59        | 38,09        | 42,01        | 46,78        | 51,41        | 55,88        | 60,20        | 64,35        | 68,33        | 72,87        | 77,14        | 0,45                                      | 2,06            | 3,54            | 4,31   |  |
| 1 100              |  | 35,73        | 39,33        | 43,36        | 48,26        | 52,99        | 57,55        | 61,93        | 66,12        | 70,11        | 74,64        | 78,86        | 0,48                                      | 2,16            | 3,71            | 4,52   |  |
| 1 150              |  | 36,82        | 40,53        | 44,66        | 49,66        | 54,48        | 59,11        | 63,53        | 67,74        | 71,73        | 76,21        | 80,35        | 0,50                                      | 2,26            | 3,88            | 4,72   |  |
| 1 200              |  | 37,86        | 41,66        | 45,89        | 50,99        | 55,88        | 60,56        | 65,01        | 69,21        | 73,17        | 77,58        | 81,60        | 0,52                                      | 2,36            | 4,05            | 4,93   |  |
| 1 250              |  | 38,86        | 42,74        | 47,05        | 52,23        | 57,18        | 61,89        | 66,35        | 70,53        | 74,44        | 78,74        | 82,60        | 0,54                                      | 2,45            | 4,22            | 5,13   |  |
| 1 300              |  | 39,80        | 43,76        | 48,14        | 53,39        | 58,39        | 63,11        | 67,55        | 71,69        | 75,51        | 79,67        | 83,34        | 0,56                                      | 2,55            | 4,39            | 5,34   |  |
| 1 350              |  | 40,69        | 44,72        | 49,16        | 54,47        | 59,49        | 64,20        | 68,61        | 72,67        | 76,40        | 80,38        | 83,82        | 0,58                                      | 2,65            | 4,56            | 5,55   |  |
| 1 400              |  | 41,53        | 45,61        | 50,11        | 55,45        | 60,48        | 65,17        | 69,52        | 73,49        | 77,08        | 80,85        | 84,02        | 0,61                                      | 2,75            | 4,72            | 5,75   |  |
| 1 450              |  | 42,31        | 46,44        | 50,98        | 56,35        | 61,36        | 66,01        | 70,28        | 74,13        | 77,56        | 81,08        | –            | 0,63                                      | 2,85            | 4,89            | 5,96   |  |
| 1 500              |  | 43,03        | 47,21        | 51,77        | 57,15        | 62,14        | 66,72        | 70,88        | 74,59        | 77,83        | –            | –            | 0,65                                      | 2,94            | 5,06            | 6,16   |  |
| 1 550              |  | 43,70        | 47,91        | 52,49        | 57,85        | 62,79        | 67,29        | 71,32        | 74,85        | 77,87        | –            | –            | 0,67                                      | 3,04            | 5,23            | 6,37   |  |
| 1 600              |  | 44,31        | 48,54        | 53,12        | 58,46        | 63,33        | 67,72        | 71,59        | 74,93        | –            | –            | –            | 0,69                                      | 3,14            | 5,40            | 6,57   |  |
| 1 650              |  | 44,85        | 49,10        | 53,67        | 58,96        | 63,75        | 68,00        | 71,70        | –            | –            | –            | –            | 0,71                                      | 3,24            | 5,57            | 6,78   |  |
| 1 700              |  | 45,34        | 49,58        | 54,14        | 59,36        | 64,04        | 68,14        | –            | –            | –            | –            | –            | 0,74                                      | 3,34            | 5,74            | 6,98   |  |
| 1 750              |  | 45,76        | 49,99        | 54,51        | 59,66        | 64,20        | –            | –            | –            | –            | –            | –            | 0,76                                      | 3,44            | 5,91            | 7,19   |  |
| 1 800              |  | 46,11        | 50,33        | 54,80        | 59,84        | 64,23        | –            | –            | –            | –            | –            | –            | 0,78                                      | 3,53            | 6,07            | 7,39   |  |
| 1 850              |  | 46,40        | 50,58        | 54,99        | 59,91        | –            | –            | –            | –            | –            | –            | –            | 0,80                                      | 3,63            | 6,24            | 7,60   |  |
| 1 900              |  | 46,62        | 50,76        | 55,09        | –            | –            | –            | –            | –            | –            | –            | –            | 0,82                                      | 3,73            | 6,41            | 7,80   |  |
| 1 950              |  | 46,76        | 50,86        | 55,10        | –            | –            | –            | –            | –            | –            | –            | –            | 0,84                                      | 3,83            | 6,58            | 8,01   |  |
| 2 000              |  | 46,84        | 50,87        | –            | –            | –            | –            | –            | –            | –            | –            | –            | 0,87                                      | 3,93            | 6,75            | 8,21   |  |
| 2 050              |  | 46,85        | –            | –            | –            | –            | –            | –            | –            | –            | –            | –            | 0,89                                      | 4,02            | 6,92            | 8,42   |  |

■ For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Minimum installation and take-up allowances

Table 10a

## Single V-belts

| Datum length | Minimum take-up allowance for tensioning | Minimum installation allowance – for fitting |         |         |         |    | D  | XPZ<br>3VX<br>SPZ<br>SPZ-XP<br>3V<br>3V-XP | XPA<br>SPA<br>SPA-XP | XPB<br>5VX<br>SPB<br>SPB-XP<br>5V<br>5V-XP | XPC<br>SPC<br>SPC-XP | 8V<br>8V-XP |
|--------------|--|--|---------|---------|---------|----|----|--|----------------------|--|----------------------|-------------|
|              |  | Z<br>ZX                                      | A<br>AX | B<br>BX | C<br>CX |    |    |  |                      |  |                      |             |
| –            | mm                                       | mm   |         |         |         |    |    |  |                      |  |                      |             |
| 400–1 199    | 25                                       | 15   | 20      | 25      | 40      | –  | 15 | 20   | –                    | –  | –                    |             |
| 1 200–2 099  | 35                                       | 20   | 20      | 30      | 40      | 50 | 20 | 25   | 25                   | –  | –                    |             |
| 2 100–2 799  | 40                                       | 20   | 25      | 30      | 40      | 50 | 20 | 25   | 25                   | 35   | 40                   |             |
| 2 800–3 399  | 45                                       | –  | 25      | 30      | 40      | 50 | 20 | 25   | 25                   | 35   | 40                   |             |
| 3 400–4 399  | 55                                       | –  | 25      | 30      | 50      | 55 | 20 | 25   | 25                   | 35   | 40                   |             |
| 4 400–5 399  | 65                                       | –  | 25      | 40      | 50      | 60 | –  | 25   | 25                   | 35   | 45                   |             |
| 5 400–6 399  | 85                                       | –  | 25      | 40      | 50      | 60 | –  | –  | 35                   | 40   | 45                   |             |
| 6 400–7 799  | 95                                       | –  | –       | 40      | 50      | 65 | –  | –  | 35                   | 40   | 45                   |             |
| 7 800–9 999  | 110                                      | –  | –       | 40      | 50      | 65 | –  | –  | 35                   | 40   | 50                   |             |
| 10 000–      | 130                                      | –  | –       | 40      | 50      | 65 | –  | –  | 45                   | 50   | 50                   |             |

Table 10b

## Banded belts

| Datum length | Minimum take-up allowance for tensioning | Minimum installation allowance – for fitting |    |    | D  | 3V | SPB<br>5V | SPC | 8V  |
|--------------|--|--|----|----|----|----|-----------|-----|-----|
|              |  | A  | B  | C  |    |    |           |     |     |
| mm           | mm                                       | mm   |    |    |    |    |           |     |     |
| 400–1 199    | 25                                       | 30   | 35 | 50 | –  | 20 | –         | –   | –   |
| 1 200–2 099  | 35                                       | 30   | 40 | 50 | 60 | 25 | 40        | –   | –   |
| 2 100–2 799  | 40                                       | 35   | 40 | 50 | 60 | 25 | 40        | 50  | 85  |
| 2 800–3 399  | 45                                       | 35   | 40 | 50 | 60 | 25 | 40        | 50  | 85  |
| 3 400–4 399  | 55                                       | 35   | 40 | 60 | 65 | 25 | 40        | 60  | 85  |
| 4 400–5 399  | 65                                       | 35   | 50 | 60 | 70 | –  | 50        | 60  | 90  |
| 5 400–6 399  | 85                                       | 35   | 50 | 60 | 70 | –  | 50        | 60  | 90  |
| 6 400–7 799  | 95                                       | –  | 50 | 60 | 75 | –  | 50        | 60  | 90  |
| 7 800–9 999  | 110                                      | –  | 50 | 60 | 75 | –  | 50        | 60  | 90  |
| 10 000–      | 130                                      | –  | 50 | 60 | 75 | –  | 50        | 60  | 100 |

# Tensioning methods

## Tensioning with the SKF belt tension tester

These testers provide a simple way to determine belt tension.

It is very useful in cases where no technical drive data is known which makes it impossible to calculate the appropriate tension. **Table 11** gives general tensioning values for a particular belt cross section in relation to the pulley diameter.

There are three testers (gauges) that cover most of the V-belt range:

Gauge 1 – range: 15–70 kg

Gauge 2 – range: 50–150 kg

Gauge 3 – range: 150–300 kg

### Instructions

- 1 Select the appropriate tester from **table 11**.
- 2 With the indicator arm down, place the tester parallel to the side of one belt along the mid section of the span length.
- 3 Holding the rubber finger loop, press down on the belt.
- 4 Stop when you feel and hear the “click”.
- 5 Remove tester and read the belt tension by observing the point where the top surface of the indicator arm crosses the numbered scale on the tester body (→ **fig. 1**).

Table 11

| Metric dimension |                      |                  |                          |          |                     |                  |
|------------------|----------------------|------------------|--------------------------|----------|---------------------|------------------|
| Section          | Wrapped belt tension |                  | Smallest pulley diameter | Section  | Cogged belt tension |                  |
|                  | Initial new belt     | Run in used belt |                          |          | Initial new belt    | Run in used belt |
| –                | kg                   |                  | mm                       | –        | kg                  |                  |
| A                | 15                   | 11               | ≤80                      | AX       | 20                  | 15               |
|                  | 20                   | 15               | 80–100                   |          | 25                  | 20               |
|                  | 31                   | 25               | 101–132                  |          | 41                  | 31               |
| B                | 31                   | 25               | ≤125                     | BX       | 46                  | 36               |
|                  | 41                   | 31               | 126–160                  |          | 51                  | 41               |
|                  | 51                   | 41               | 161–200                  |          | 61                  | 46               |
| C                | 71                   | 51               | ≤200                     | CX       | 82                  | 61               |
|                  | 82                   | 61               | 201–250                  |          | 92                  | 71               |
|                  | 92                   | 71               | 251–355                  |          | 102                 | 82               |
| SPZ, 3V          | 20                   | 15               | ≤71                      | XPZ, 3VX | 25                  | 20               |
|                  | 25                   | 20               | 72–90                    |          | 31                  | 25               |
|                  | 36                   | 25               | 91–125                   |          | 41                  | 31               |
| SPA              | 36                   | 25               | ≤100                     | XPA      | 41                  | 31               |
|                  | 41                   | 31               | 101–140                  |          | 51                  | 41               |
|                  | 51                   | 41               | 141–200                  |          | 61                  | 46               |
| SPB, 5V          | 66                   | 51               | ≤160                     | XPB, 5VX | 71                  | 56               |
|                  | 71                   | 56               | 161–224                  |          | 87                  | 66               |
|                  | 92                   | 71               | 225–355                  |          | 102                 | 82               |
| SPC              | 102                  | 82               | ≤250                     | XPC      | 143                 | 112              |
|                  | 143                  | 112              | 251–355                  |          | 163                 | 122              |
|                  | 183                  | 143              | 356–560                  |          | 194                 | 153              |
| SPZ-XP, 3V-XP    | 22                   | 17               | ≤ 71                     |          |                     |                  |
|                  | 28                   | 22               | 72 – 90                  |          |                     |                  |
|                  | 40                   | 28               | 91 – 125                 |          |                     |                  |
| SPA-XP           | 40                   | 28               | ≤ 100                    |          |                     |                  |
|                  | 45                   | 34               | 101 - 140                |          |                     |                  |
|                  | 56                   | 45               | 141 - 200                |          |                     |                  |
| SPB-XP, 5V-XP    | 73                   | 56               | ≤ 160                    |          |                     |                  |
|                  | 78                   | 62               | 161 – 224                |          |                     |                  |
|                  | 101                  | 78               | 225 – 355                |          |                     |                  |
| SPC-XP           | 112                  | 90               | ≤ 250                    |          |                     |                  |
|                  | 157                  | 123              | 251 - 355                |          |                     |                  |
|                  | 201                  | 157              | 356 - 560                |          |                     |                  |

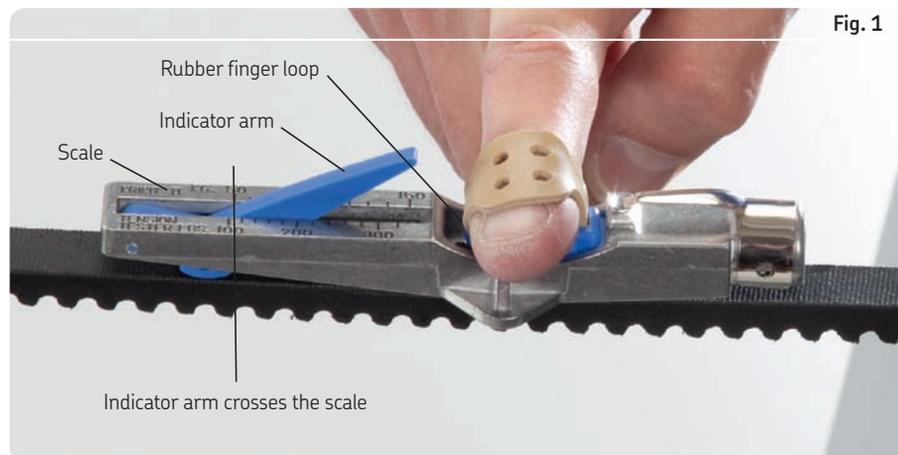


Fig. 1



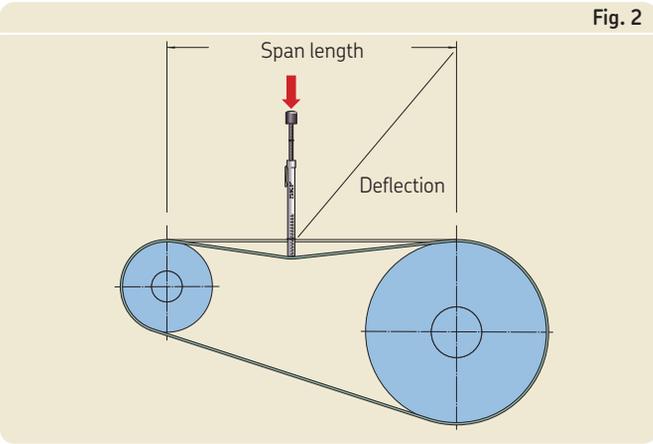


Fig. 2

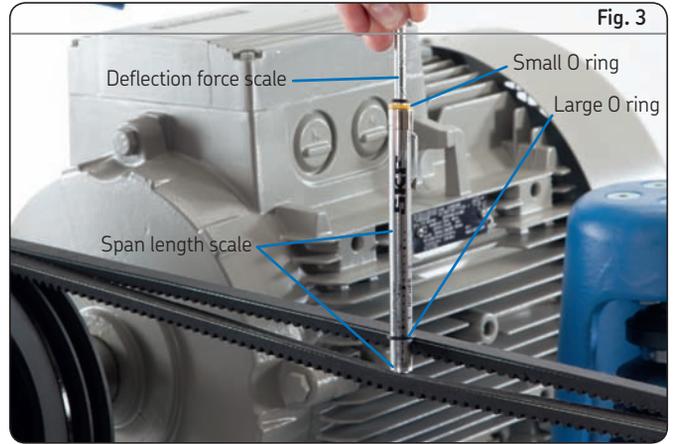


Fig. 3

**Table 12**

**Tension values**

| Section         | Smallest pulley diameter | Speed range | Belt deflection force |                  |              |                  |
|-----------------|--------------------------|-------------|-----------------------|------------------|--------------|------------------|
|                 |                          |             | Un-cogged belts       |                  | Cogged belts |                  |
|                 | mm                       | r/min       | New belt              | Used run-in belt | New belt     | Used run-in belt |
| <b>Z, ZX</b>    |                          |             |                       |                  |              |                  |
|                 | 40-60                    | 1 000-2 500 | 0,7                   | 0,5              | 0,8          | 0,5              |
|                 |                          | 2 501-4 000 | 0,8                   | 0,5              | 0,9          | 0,6              |
|                 | 61-over                  | 1 000-2 500 | 1,1                   | 0,8              | 1,3          | 0,9              |
|                 |                          | 2 501-4 000 | 1,1                   | 0,8              | 1,3          | 0,9              |
| <b>A, AX</b>    |                          |             |                       |                  |              |                  |
|                 | 75-90                    | 1 000-2 500 | 2,1                   | 1,4              | 2,4          | 1,6              |
|                 |                          | 2 501-4 000 | 1,6                   | 1,1              | 2,0          | 1,3              |
|                 | 91-120                   | 1 000-2 500 | 2,6                   | 1,7              | 2,9          | 2,0              |
|                 |                          | 2 501-4 000 | 2,2                   | 1,4              | 2,5          | 1,7              |
|                 | 121-over                 | 1 000-2 500 | 3,1                   | 2,0              | 3,2          | 2,2              |
|                 |                          | 2 501-4 000 | 2,7                   | 1,8              | 2,9          | 2,0              |
| <b>B, BX</b>    |                          |             |                       |                  |              |                  |
|                 | 85-105                   | 860-2 500   | -                     | -                | 2,8          | 1,9              |
|                 |                          | 2 501-4 000 | -                     | -                | 2,4          | 1,6              |
|                 | 106-140                  | 860-2 500   | 3,1                   | 2,0              | 4,1          | 2,7              |
|                 |                          | 2 501-4 000 | 2,6                   | 1,7              | 3,5          | 2,4              |
|                 | 141-over                 | 860-2 500   | 3,7                   | 2,5              | 4,8          | 3,3              |
|                 |                          | 2 501-4 000 | 3,4                   | 2,3              | 4,2          | 2,8              |
| <b>C, CX</b>    |                          |             |                       |                  |              |                  |
|                 | 175-230                  | 500-1 740   | 6,5                   | 4,4              | 8,4          | 5,7              |
|                 |                          | 1 741-3 000 | 5,4                   | 3,7              | 6,7          | 4,6              |
|                 | 231-over                 | 500-1 740   | 8,1                   | 5,4              | 9,1          | 6,1              |
|                 |                          | 1 741-3 000 | 7,1                   | 4,8              | 8,3          | 5,6              |
| <b>D</b>        |                          |             |                       |                  |              |                  |
|                 | 305-400                  | 200-850     | 14,3                  | 9,6              | -            | -                |
|                 |                          | 851-1 500   | 12,1                  | 8,2              | -            | -                |
|                 | 401-over                 | 200-850     | 17,4                  | 11,7             | -            | -                |
|                 |                          | 851-1 500   | 14,6                  | 9,9              | -            | -                |
| <b>SPZ, XPZ</b> |                          |             |                       |                  |              |                  |
|                 | 56-79                    | 1 000-2 500 | 2,3                   | 1,5              | 2,3          | 1,6              |
|                 |                          | 2 501-4 000 | 1,9                   | 1,1              | 1,9          | 1,3              |
|                 | 80-95                    | 1 000-2 500 | 3,1                   | 1,7              | 2,9          | 1,9              |
|                 |                          | 2 501-4 000 | 2,8                   | 1,8              | 2,8          | 1,8              |
|                 | 96-over                  | 1 000-2 500 | 3,1                   | 2,1              | 3,3          | 2,2              |
|                 |                          | 2 501-4 000 | 2,9                   | 1,9              | 3,1          | 2,0              |
| <b>SPA, XPA</b> |                          |             |                       |                  |              |                  |
|                 | 71-105                   | 1 000-2 500 | 3,8                   | 2,5              | 4,3          | 2,9              |
|                 |                          | 2 501-4 000 | 3,4                   | 2,3              | 3,9          | 2,6              |
|                 | 106-140                  | 1 000-2 500 | 4,5                   | 3,0              | 5,2          | 3,5              |
|                 |                          | 2 501-4 000 | 4,1                   | 2,7              | 4,7          | 3,1              |
|                 | 141-over                 | 1 000-2 500 | 5,7                   | 3,8              | 6,6          | 4,3              |
|                 |                          | 2 501-4 000 | 5,7                   | 3,8              | 5,9          | 3,9              |
| <b>SPB, XPB</b> |                          |             |                       |                  |              |                  |
|                 | 107-159                  | 860-2 500   | 6,3                   | 4,3              | 7,3          | 4,9              |
|                 |                          | 2 501-4 000 | 6,1                   | 4,1              | 7,0          | 4,7              |
|                 | 160-250                  | 860-2 500   | 8,2                   | 5,5              | 9,4          | 6,2              |
|                 |                          | 2 501-4 000 | 7,3                   | 4,9              | 8,7          | 5,8              |
|                 | 251-over                 | 860-2 500   | 9,7                   | 6,5              | 10,4         | 6,9              |
|                 |                          | 2 501-4 000 | 8,3                   | 5,5              | 9,5          | 6,3              |
| <b>SPC, XPC</b> |                          |             |                       |                  |              |                  |
|                 | 200-355                  | 500-1 740   | 13,1                  | 8,8              | 15,1         | 10,1             |
|                 |                          | 1 741-3 000 | 13,3                  | 8,9              | 15,3         | 10,1             |
|                 | 356-over                 | 500-1 740   | 15,0                  | 10,0             | 17,2         | 11,4             |
|                 |                          | 1 741-3 000 | 17,4                  | 11,6             | 19,9         | 13,3             |
| <b>3V, 3VX</b>  |                          |             |                       |                  |              |                  |
|                 | 55-60                    | 1 000-2 500 | -                     | -                | 1,9          | 1,3              |
|                 |                          | 2 501-4 000 | -                     | -                | 1,7          | 1,1              |
|                 | 61-90                    | 1 000-2 500 | 2,0                   | 1,4              | 2,4          | 1,6              |
|                 |                          | 2 501-4 000 | 1,7                   | 1,2              | 2,1          | 1,4              |
|                 | 91-over                  | 1 000-2 500 | 2,8                   | 1,9              | 3,1          | 2,0              |
|                 |                          | 2 501-4 000 | 2,6                   | 1,7              | 2,8          | 1,9              |

| Section        | Smallest pulley diameter | Speed range | Belt deflection force |                  |              |                  |
|----------------|--------------------------|-------------|-----------------------|------------------|--------------|------------------|
|                |                          |             | Un-cogged belts       |                  | Cogged belts |                  |
|                | mm                       | r/min       | New belt              | Used run-in belt | New belt     | Used run-in belt |
| <b>5V, 5VX</b> |                          |             |                       |                  |              |                  |
|                | 110-170                  | 1 000-2 500 | -                     | -                | 5,9          | 3,9              |
|                |                          | 2 501-4 000 | -                     | -                | 3,3          | 2,1              |
|                | 171-275                  | 500-1 740   | 7,3                   | 4,9              | 8,5          | 5,7              |
|                |                          | 1 741-3 001 | 6,5                   | 4,3              | 7,7          | 5,3              |
|                | 276-over                 | 500-1 740   | 9,0                   | 6,0              | 9,9          | 6,6              |
|                |                          | 1 741-3 001 | 8,4                   | 5,6              | 9,6          | 6,5              |
| <b>8V</b>      |                          |             |                       |                  |              |                  |
|                | 315-430                  | 200-850     | 19,0                  | 12,8             | -            | -                |
|                |                          | 851-1 500   | 15,4                  | 10,4             | -            | -                |
|                | 431-over                 | 200-850     | 22,8                  | 15,3             | -            | -                |
|                |                          | 851-1 500   | 20,3                  | 13,6             | -            | -                |
| <b>SPZ-XP</b>  |                          |             |                       |                  |              |                  |
|                | 56-79                    | 1 000-2 500 | 2,7                   | 1,8              | -            | -                |
|                |                          | 2 501-4 000 | 2,3                   | 1,4              | -            | -                |
|                | 80-95                    | 1 000-2 500 | 3,8                   | 2,0              | -            | -                |
|                |                          | 2 501-4 000 | 3,4                   | 2,2              | -            | -                |
|                | 96-over                  | 1 000-2 500 | 3,8                   | 2,5              | -            | -                |
|                |                          | 2 501-4 000 | 3,5                   | 2,3              | -            | -                |
| <b>SPA-XP</b>  |                          |             |                       |                  |              |                  |
|                | 71-105                   | 1 000-2 500 | 4,6                   | 3,0              | -            | -                |
|                |                          | 2 501-4 000 | 4,1                   | 2,8              | -            | -                |
|                | 106-140                  | 1 000-2 500 | 5,5                   | 3,7              | -            | -                |
|                |                          | 2 501-4 000 | 4,9                   | 3,3              | -            | -                |
|                | 141-over                 | 1 000-2 500 | 6,9                   | 4,6              | -            | -                |
|                |                          | 2 501-4 000 | 6,9                   | 4,6              | -            | -                |
| <b>SPB-XP</b>  |                          |             |                       |                  |              |                  |
|                | 107-159                  | 860-2 500   | 7,7                   | 5,1              | -            | -                |
|                |                          | 2 501-4 000 | 7,4                   | 4,9              | -            | -                |
|                | 160-250                  | 860-2 500   | 9,9                   | 6,6              | -            | -                |
|                |                          | 2 501-4 000 | 8,8                   | 5,9              | -            | -                |
|                | 251-over                 | 860-2 500   | 11,7                  | 7,9              | -            | -                |
|                |                          | 2 501-4 000 | 10,1                  | 6,7              | -            | -                |
| <b>SPC-XP</b>  |                          |             |                       |                  |              |                  |
|                | 200-355                  | 500-1 740   | 15,9                  | 10,7             | -            | -                |
|                |                          | 1 741-3 000 | 16,1                  | 10,7             | -            | -                |
|                | 356-over                 | 500-1 740   | 18,1                  | 12,1             | -            | -                |
|                |                          | 1 741-3 000 | 21,0                  | 14,0             | -            | -                |
| <b>3V-XP</b>   |                          |             |                       |                  |              |                  |
|                | 55-60                    | 1 000-2 500 | -                     | -                | -            | -                |
|                |                          | 2 501-4 000 | -                     | -                | -            | -                |
|                | 61-90                    | 1 000-2 500 | 2,4                   | 1,6              | -            | -                |
|                |                          | 2 501-4 000 | 2,1                   | 1,4              | -            | -                |
|                | 91-over                  | 1 000-2 500 | 3,4                   | 2,3              | -            | -                |
|                |                          | 2 501-4 000 | 3,1                   | 2,1              | -            | -                |
| <b>5V-XP</b>   |                          |             |                       |                  |              |                  |
|                | 110-170                  | 1 000-2 500 | -                     | -                | -            | -                |
|                |                          | 2 501-4 000 | -                     | -                | -            | -                |
|                | 171-275                  | 500-1 740   | 8,8                   | 6,0              | -            | -                |
|                |                          | 1 741-3 001 | 7,8                   | 5,2              | -            | -                |
|                | 276-over                 | 500-1 740   | 10,9                  | 7,2              | -            | -                |
|                |                          | 1 741-3 001 | 10,2                  | 6,8              | -            | -                |
| <b>8V-XP</b>   |                          |             |                       |                  |              |                  |
|                | 315-430                  | 200-850     | 23,0                  | 15,4             | -            | -                |
|                |                          | 851-1 500   | 18,6                  | 12,5             | -            | -                |
|                | 431-over                 | 200-850     | 27,6                  | 18,5             | -            | -                |
|                |                          | 851-1 500   | 22,3                  | 15,0             | -            | -                |

## Tensioning with the SKF pen tester

This gauge is available to determine the deflection force [kg] required to set and maintain V-belt tension.

**Table 12** lists the required force needed to deflect a belt in mid-span relative to pulley diameter and speed.

- 1 Measure the span length (→ **fig. 2**)
- 2 Position the bottom of the large O ring on the pen scale at the measured span length (→ **fig. 3**)
- 3 Set the small O ring on the deflection force scale to zero
- 4 Place the tension tester squarely on one belt at the centre of the span length (→ **fig. 2**) and apply downward force to the plunger until the bottom of the large O-ring is even with the next belt or with the bottom of a straight edge laid across the pulleys.
- 5 Remove the tension tester and read the force applied with the values given in the tables. The force should be between the minimum and the maximum shown. The maximum value shown is for new belts, which will allow for anticipated tension loss. Used belts should be maintained at the minimum values indicated in the tables.



## Tensioning with the SKF Belt Frequency Meter

The SKF Belt Frequency Meter is used for checking the tension by means of belt natural frequency measurements (→ **fig. 4**).

Tension measurements are presented in hertz [Hz] or in newton [N], if the drive parameters are entered.

### Advantages

- Precise and repeatable measurements
- Non-contact optical head with LED beam for easy pointing to belt surface
- Easy-to-use
- Wide tension range (10–400 Hz)
- Extremely fast response allows quick tension checks on multiple belt drives

Can be used in two different ways:

- a Technical data of the drive is not known and therefore the appropriate tension cannot be calculated. In such cases, refer to general tension values recommended for the particular belt in **tables 13 to 15**.
- a Drive data is known. The tensioning value can be calculated by the drive design program or by a belt tension formula. Simply measure the strand tension in the belt and compare it with the calculated value.

### Instructions

- 1 Press ON/OFF to switch meter ON.
- 2 Press button UP or DOWN to select display mode indicated on left side of the display.
- 3 In case newton [N] mode is selected, then:
  - i. Enter belt specific mass [g/m] provided with operating instruction.
  - ii. Enter span length [m]
- 4 Hold the optical head up to the belt span and strum the belt slightly to make it vibrate.
- 5 Measurement is automatically performed. Read-out is given in hertz or in newton depending on selected display mode.

Table 13

1

### Wrapped V, wedge and banded belts

| Section  | Smallest pulley diameter   | Speed range                | Belt tension per single belt* |                  | Mass        |                  | Section  | Smallest pulley diameter   | Speed range                | Belt tension per single belt* |                  | Mass           |                  |
|----------|----------------------------|----------------------------|-------------------------------|------------------|-------------|------------------|----------|----------------------------|----------------------------|-------------------------------|------------------|----------------|------------------|
|          |                            |                            | New belt                      | Used run-in belt | Single belt | Belt in a band** |          |                            |                            | New belt                      | Used run-in belt | Single belt    | Belt in a band** |
| –        | mm                         | r/min                      | N                             |                  | kg/m        |                  | –        | mm                         | r/min                      | N                             |                  | kg/m           |                  |
| Z        | 40–60                      | 1 000–2 500<br>2 501–4 000 | 104<br>121                    | 69<br>81         | 0,051       | n/a              | SPZ-XP   | 56–79                      | 1 000–2 500<br>2 501–4 000 | 372<br>288                    | 249<br>193       | 0,079          | n/a              |
|          | 61–over                    | 1 000–2 500<br>2 501–4 000 | 174<br>174                    | 116<br>116       |             |                  |          | 80–95                      | 1 000–2 500<br>2 501–4 000 | 421<br>457                    | 281<br>304       |                |                  |
| A        | 75–90                      | 1 000–2 500<br>2 501–4 000 | 332<br>254                    | 222<br>169       | 0,115       | 0,150            | 95–over  | 1 000–2 500<br>2 501–4 000 | 525<br>482                 | 350<br>321                    |                  |                |                  |
|          | 91–120                     | 1 000–2 500<br>2 501–4 000 | 391<br>332                    | 261<br>222       |             |                  | SPA-XP   | 71–105                     | 1 000–2 500<br>2 501–4 000 | 633<br>576                    | 421<br>384       | 0,122          | n/a              |
|          | 121–175                    | 1 000–2 500<br>2 501–4 000 | 469<br>411                    | 313<br>274       |             |                  |          | 106–140                    | 1 000–2 500<br>2 501–4 000 | 766<br>691                    | 510<br>460       |                |                  |
| B        | 105–140                    | 860–2 500<br>2 501–4 000   | 469<br>391                    | 313<br>261       | 0,193       | 0,260            | 141–over | 1 000–2 500<br>2 501–4 000 | 959<br>964                 | 639<br>642                    |                  |                |                  |
|          | 141–220                    | 860–2 500<br>2 501–4 000   | 567<br>528                    | 378<br>352       |             |                  | SPB-XP   | 107–159                    | 860–2 500<br>2 501–4 000   | 1076<br>1035                  | 717<br>690       | 0,202          | n/a              |
| C        | 175–230                    | 500–1 740<br>1 741–3 000   | 1 017<br>841                  | 678<br>561       | 0,320       | 0,417            |          | 160–250                    | 860–2 500<br>2 501–4 000   | 1381<br>1228                  | 921<br>818       |                |                  |
|          | 231–400                    | 500–1 740<br>1 741–3 000   | 1 251<br>1 115                | 834<br>743       |             |                  | 251–over | 860–2 500<br>2 501–4 000   | 1646<br>1403               | 1097<br>935                   |                  |                |                  |
| D        | 305–400                    | 200–850<br>851–1 500       | 2 210<br>1 877                | 1 473<br>1 251   | 0,69        | 0,870            | SPC-XP   | 200–355                    | 500–1 740<br>1 741–3 000   | 2229<br>2247                  | 1485<br>1498     | 0,350          | n/a              |
|          | 401–510                    | 200–850<br>851–1 500       | 2 698<br>2 268                | 1 799<br>1 512   |             |                  |          | 356–over                   | 500–1 740<br>1 741–3 000   | 2536<br>2938                  | 1691<br>1959     |                |                  |
| SPZ      | 56–79                      | 1 000–2 500<br>2 501–4 000 | 338<br>262                    | 226<br>175       | 0,076       | n/a              | 3V-XP    | 61–90                      | 1 000–2 500<br>2 501–4 000 | 344<br>301                    | 230<br>200       | 0,079          | n/a              |
|          | 80–95                      | 1 000–2 500<br>2 501–4 000 | 383<br>415                    | 255<br>276       |             |                  |          | 91–175                     | 1 000–2 500<br>2 501–4 000 | 473<br>430,1                  | 315,7<br>287,1   |                |                  |
|          | 96–over                    | 1 000–2 500<br>2 501–4 000 | 477<br>438                    | 318<br>292       |             |                  | 5V-XP    | 171–275                    | 500–1 740<br>1 741–3 001   | 1247,4<br>1096,7              | 831,6<br>731,5   | 0,202          | n/a              |
|          | SPA                        | 71–105                     | 1 000–2 500<br>2 501–4 000    | 575<br>524       | 383<br>349  | 0,134            |          | 0,155                      | 276–500                    | 500–1 740<br>1 741–3 001      | 1505,9<br>1420,1 | 1003,2<br>946  |                  |
| 106–140  |                            | 1 000–2 500<br>2 501–4 000 | 696<br>628                    | 464<br>418       |             |                  | 8V-XP    | 315–430                    | 200–850<br>851–1 500       | 3226,3<br>2624,6              | 2150,5<br>1749   | 0,520          | n/a              |
| 141–over | 1 000–2 500<br>2 501–4 000 | 872<br>876                 | 581<br>584                    |                  |             | 431–570          |          | 200–850<br>851–1 500       | 3872<br>3441,9             | 2580,6<br>2294,6              |                  |                |                  |
| SPB      | 107–159                    | 860–2 500<br>2 501–4 000   | 978<br>941                    | 652<br>627       | 0,223       | 0,268            | SPB      | 160–250                    | 860–2 500<br>2 501–4 000   | 1 255<br>1 116                | 837<br>744       |                |                  |
|          | 160–250                    | 860–2 500<br>2 501–4 000   | 1 255<br>1 116                | 837<br>744       |             |                  |          | 251–over                   | 860–2 500<br>2 501–4 000   | 1 496<br>1 275                | 997<br>850       |                |                  |
|          | 251–over                   | 860–2 500<br>2 501–4 000   | 1 496<br>1 275                | 997<br>850       |             |                  |          | SPC                        | 200–355                    | 500–1 740<br>1 741–3 000      | 2 026<br>2 043   | 1 350<br>1 362 | 0,354            |
| 3V       | 61–90                      | 1 000–2 500<br>2 501–4 000 | 313<br>274                    | 209<br>182       | 0,076       | 0,099            | 356–over |                            | 500–1 740<br>1 741–3 000   | 2 305<br>2 671                | 1 537<br>1 781   |                |                  |
|          | 91–175                     | 1 000–2 500<br>2 501–4 000 | 430<br>391                    | 287<br>261       |             |                  | 3V       | 61–90                      | 1 000–2 500<br>2 501–4 000 | 313<br>274                    | 209<br>182       | 0,076          | 0,099            |
| 5V       | 171–275                    | 500–1 740<br>1 741–3 000   | 1 134<br>997                  | 756<br>665       | 0,223       | 0,272            |          | 91–175                     | 1 000–2 500<br>2 501–4 000 | 430<br>391                    | 287<br>261       |                |                  |
|          | 276–500                    | 500–1 740<br>1 741–3 000   | 1 369<br>1 291                | 912<br>860       |             |                  | 5V       | 171–275                    | 500–1 740<br>1 741–3 000   | 1 134<br>997                  | 756<br>665       | 0,223          | 0,272            |
| 8V       | 315–430                    | 200–850<br>851–1 500       | 2 933<br>2 386                | 1 955<br>1 590   | 0,504       | 0,654            |          | 276–500                    | 500–1 740<br>1 741–3 000   | 1 369<br>1 291                | 912<br>860       |                |                  |
|          | 431–570                    | 200–850<br>851–1 500       | 3 520<br>3 129                | 2 346<br>2 086   |             |                  | 8V       | 315–430                    | 200–850<br>851–1 500       | 2 933<br>2 386                | 1 955<br>1 590   | 0,504          | 0,654            |
|          |                            |                            |                               |                  |             |                  |          | 431–570                    | 200–850<br>851–1 500       | 3 520<br>3 129                | 2 346<br>2 086   |                |                  |

The values listed in the tables on the following pages provide a guideline for belt tensioning. More accurate values for your specific belt drive can be obtained from belt drive calculations on skfptp.com.

\* Multiply the belt tension required for a single belt by the number of belts in the banded belt unit to get the total tension to apply.

\*\*Multiply the mass of one belt in a band by the number of belts in the banded belt unit to get the total mass to apply.

Table 14

## Cogged raw edge V, wedge and banded belts

| Section     | Smallest pulley diameter | Speed range | Belt tension per single belt* |                  | Mass<br>Single belt | Belt in a band** |
|-------------|--------------------------|-------------|-------------------------------|------------------|---------------------|------------------|
|             |                          |             | New belt                      | Used run-in belt |                     |                  |
| -           | mm                       | r/min       | N                             |                  | kg/m                |                  |
| ZX          | 40-60                    | 1 000-2 500 | 119                           | 80               | 0,051               | n/a              |
|             |                          | 2 501-4 000 | 139                           | 93               |                     |                  |
|             | 61-over                  | 1 000-2 500 | 199                           | 133              |                     |                  |
|             |                          | 2 501-4 000 | 199                           | 133              |                     |                  |
| AX          | 75-90                    | 1 000-2 500 | 372                           | 248              | 0,115               | 0,153            |
|             |                          | 2 501-4 000 | 293                           | 196              |                     |                  |
|             | 91-120                   | 1 000-2 500 | 450                           | 300              |                     |                  |
|             |                          | 2 501-4 000 | 391                           | 261              |                     |                  |
|             | 121-175                  | 1 000-2 500 | 508                           | 339              |                     |                  |
| 2 501-4 000 |                          | 450         | 300                           |                  |                     |                  |
| BX          | 85-105                   | 860-2 500   | 430                           | 287              | 0,193               | 0,225            |
|             |                          | 2 501-4 000 | 372                           | 248              |                     |                  |
|             | 106-140                  | 860-2 500   | 626                           | 417              |                     |                  |
|             |                          | 2 501-4 000 | 547                           | 365              |                     |                  |
|             | 141-220                  | 860-2 500   | 763                           | 508              |                     |                  |
| 2 501-4 000 |                          | 645         | 430                           |                  |                     |                  |
| CX          | 175-230                  | 500-1 740   | 1 310                         | 873              | 0,320               | 0,398            |
|             |                          | 1 741-3 000 | 1 056                         | 704              |                     |                  |
|             | 231-400                  | 500-1 740   | 1 408                         | 939              |                     |                  |
|             |                          | 1 741-3 000 | 1 291                         | 860              |                     |                  |
| XPZ         | 56-79                    | 1 000-2 500 | 362                           | 241              | 0,076               | n/a              |
|             |                          | 2 501-4 000 | 299                           | 199              |                     |                  |
|             | 80-95                    | 1 000-2 500 | 438                           | 292              |                     |                  |
|             |                          | 2 501-4 000 | 418                           | 279              |                     |                  |
|             | 96-over                  | 1 000-2 500 | 499                           | 332              |                     |                  |
| 2 501-4 000 |                          | 469         | 313                           |                  |                     |                  |
| XPA         | 71-105                   | 1 000-2 500 | 657                           | 438              | 0,134               | 0,156            |
|             |                          | 2 501-4 000 | 598                           | 399              |                     |                  |
|             | 106-140                  | 1 000-2 500 | 796                           | 531              |                     |                  |
|             |                          | 2 501-4 000 | 718                           | 478              |                     |                  |
|             | 140-over                 | 1 000-2 500 | 997                           | 665              |                     |                  |
| 2 501-4 000 |                          | 897         | 598                           |                  |                     |                  |
| XPB         | 107-159                  | 860-2 500   | 1 116                         | 744              | 0,223               | 0,279            |
|             |                          | 2 501-4 000 | 1 075                         | 717              |                     |                  |
|             | 160-250                  | 860-2 500   | 1 435                         | 957              |                     |                  |
|             |                          | 2 501-4 000 | 1 330                         | 886              |                     |                  |
|             | 251-over                 | 860-2 500   | 1 596                         | 1 064            |                     |                  |
| 2 501-4 000 |                          | 1 455       | 970                           |                  |                     |                  |
| XPC         | 200-355                  | 500-1 740   | 2 313                         | 1 542            | 0,354               | 0,548            |
|             |                          | 1 741-3 000 | 2 333                         | 1 555            |                     |                  |
|             | 356-over                 | 500-1 740   | 2 632                         | 1 755            |                     |                  |
|             |                          | 1 741-3 000 | 3 050                         | 2 034            |                     |                  |
| 3VX         | 55-60                    | 1 000-2 500 | 293                           | 196              | 0,076               | 0,102            |
|             |                          | 2 501-4 000 | 254                           | 169              |                     |                  |
|             | 61-90                    | 1 000-2 500 | 372                           | 248              |                     |                  |
|             |                          | 2 501-4 000 | 332                           | 222              |                     |                  |
|             | 91-175                   | 1 000-2 500 | 469                           | 313              |                     |                  |
| 2 501-4 000 |                          | 430         | 287                           |                  |                     |                  |
| 5VX         | 110-170                  | 1 000-2 500 | 899                           | 600              | 0,223               | 0,252            |
|             |                          | 2 501-4 000 | 489                           | 326              |                     |                  |
|             | 171-275                  | 500-1 740   | 1 310                         | 873              |                     |                  |
|             |                          | 1 741-3 001 | 1 212                         | 808              |                     |                  |
|             | 276-400                  | 500-1 740   | 1 525                         | 1 017            |                     |                  |
|             |                          | 1 741-3 001 | 1 486                         | 991              |                     |                  |

The values listed in the tables on following pages provide a guideline for belt tensioning. More accurate values for your specific belt drive can be obtained from belt drive calculations on skfptp.com.

\* Multiply the belt tension required for a single belt by the number of belts in the banded belt unit to get total tension to apply.

\*\*Multiply the mass of one belt in a band by the number of belts in the banded belt unit to get total mass to apply.

Table 15

1

## Timing belts

|             | Section    | Belt tension |                  | Mass  |       |
|-------------|------------|--------------|------------------|-------|-------|
|             |            | New belt     | Used run-in belt |       |       |
| -           | -          | N            |                  | kg/m  |       |
| <b>HiTD</b> | 5M 9       | 99           | 71               | 0,037 |       |
|             | 5M 15      | 174          | 124              | 0,061 |       |
|             | 5M 25      | 311          | 222              | 0,102 |       |
|             | 8M 20      | 372          | 266              | 0,128 |       |
|             | 8M 30      | 593          | 424              | 0,192 |       |
|             | 8M 50      | 1 037        | 741              | 0,32  |       |
|             | 8M 85      | 2 044        | 1 460            | 0,545 |       |
|             | 14M 40     | 1 297        | 926              | 0,429 |       |
|             | 14M 55     | 1 912        | 1 366            | 0,59  |       |
|             | 14M 85     | 3 142        | 2 244            | 0,911 |       |
|             | 14M 115    | 4 480        | 3 200            | 1,233 |       |
|             | 14M 170    | 7 139        | 5 099            | 1,823 |       |
|             | <b>STD</b> | S8M20        | 390              | 279   | 0,111 |
|             |            | S8M30        | 620              | 443   | 0,167 |
|             |            | S8M50        | 1 110            | 793   | 0,278 |
| S8M85       |            | 2 030        | 1 450            | 0,473 |       |
| S14M40      |            | 1 340        | 957              | 0,462 |       |
| S14M55      |            | 1 925        | 1 375            | 0,634 |       |
| S14M85      |            | 3 165        | 2 261            | 0,981 |       |
| S14M115     |            | 4 465        | 3 189            | 1,327 |       |
| S14M170     |            | 6 975        | 4 982            | 1,962 |       |

## Timing belts

|               | Section | Belt tension |                  | Mass  |
|---------------|---------|--------------|------------------|-------|
|               |         | New belt     | Used run-in belt |       |
| -             | -       | N            |                  | kg/m  |
| <b>Timing</b> | XL 025  | 13           | 11               | 0,014 |
|               | XL 037  | 24           | 20               | 0,02  |
|               | L050    | 51           | 41               | 0,043 |
|               | L075    | 87           | 70               | 0,065 |
|               | L 100   | 122          | 98               | 0,087 |
|               | H075    | 220          | 176              | 0,084 |
|               | H100    | 311          | 249              | 0,112 |
|               | H150    | 485          | 388              | 0,168 |
|               | H200    | 667          | 534              | 0,223 |
|               | H300    | 1 045        | 836              | 0,335 |
|               | XH 200  | 907          | 726              | 0,572 |
|               | XH 300  | 1 428        | 1 142            | 0,858 |
|               | XH 400  | 2 019        | 1 615            | 1,144 |
|               | XXH 200 | 1 130        | 904              | 0,809 |
|               | XXH 300 | 1 748        | 1 398            | 1,213 |
|               | XXH 400 | 2 478        | 1 982            | 1,617 |

# Calculating belt tension

Insufficient belt tension will cause the belt to slip, which consequently generates heat, high belt temperatures and premature ageing of the belt.

Degradation of the rubber compound, caused by excessive heat, will have a significant impact on the service life of a belt.

When the tension is too high, the belt will not slip, but this will have a negative impact on the service life of the bearings and the belt.

There are two values that must be considered when tensioning a belt:

- a  $T_{used}$  (run-in) is minimum tension on the belt that ensures minimum slip on the drive. Belt tension should ideally not drop below this value during the entire belt service life.
- b  $T_{new}$  (initial) is maximum tension in the belt, used to initially tension a new belt.  $T_{new}$  normally decreases during the first hours of operation releasing initial high bearing loads.

## General tensioning values

Tensioning values for general tensioning purposes are provided by the operating manual for selected tensioning tools. The values represent the "worst case" drives and as such, tend to be higher than the values calculated for a specific drive.

## Calculating tension values

In cases where all drive data is available, it is possible to calculate the required tension instead of using the general tensioning values.

To calculate tension values, the following procedure should be used:

- a Find the minimum required strand tension for used run-in belts using the formula:

$$v = \frac{d n}{19\,100}$$

where

- v = belt speed [m/s]
- d = pulley datum diameter [mm]
- n = speed of driver pulley [r/min]

$$T_{used} = 510 \frac{(2,2 - C_3) P_d}{C_3 N v} + \frac{M v^2}{1,11}$$

where

- $T_{used}$  = minimum required static tension in one strand of the belt [N]
- $C_3$  = arc of contact correction factor (→ table 7)
- $P_d$  = design power [kW]
- N = number of belts on the drive
- v = belt speed [m/s]
- M = belt weight per unit [kg/m] (→ tables 13, 14, 15)

- b Increase  $T_{used}$  value by 50% to get initial required tension on a new belt  $T_{new}$

$$T_{new} = 1,5 T_{used}$$

- c If the SKF pen tester is used to tension the drive, calculate belt deflection force.

For single V-belts and single units of banded and ribbed belts:

$$F_{d\,used} = \frac{\frac{T_{used} N}{16} + \frac{N K S_p}{L}}{9,81}$$

$$F_{d\,new} = \frac{\frac{T_{new} N}{16} + \frac{N K S_p}{L}}{9,81}$$

For multiple V-belts or matched sets of banded and ribbed belts:

$$F_{d\,used} = \frac{\frac{T_{used} N}{16} + N K}{9,81}$$

$$F_{d\,new} = \frac{\frac{T_{new} N}{16} + N K}{9,81}$$

where

- $F_{d\,used}, F_{d\,new}$  = deflection force for a used run-in respectively a new belt [kg]
- $T_{used}, T_{new}$  = required strand tension for a used run-in respectively a new belt
- N = number of belts (for single V-belt N = 1) or number of belts in a band.
- K = belt modulus factor (→ table 16)
- $S_p$  = span length of the belt [m]
- L = reference length of the belt [m]

- d If the SKF Belt Frequency Meter is used to tension the drive, take value  $T_{new}$  ( $T_{used}$ ) and directly compare it with the readings from the tester.

Table 16

### Belt modulus factor

| Section           | K    |
|-------------------|------|
| Z, ZX             | 2,67 |
| A, AX             | 2,94 |
| B, BX             | 3,87 |
| C, CX             | 5,87 |
| D                 | 8,01 |
| SPZ, XPZ, 3V, 3VX | 2,89 |
| SPA, XPA          | 3,12 |
| SPB, XPB, 5V, 5VX | 4,01 |
| SPC, XPC          | 6,23 |
| 8V                | 7,57 |

## Tensioning by means of belt elongation

This method is used when installing new or used run-in banded V-belt sets or where individual belts require so much force that other tensioning methods are not practical.

### Instructions

- 1 Determine strand tension (New, Used). To do this, use general strand tension values provided in the SKF Belt Frequency Meter manual or calculate the required static strand tension.
- 2 Fit the belt on both pulleys with no tension.
- 3 Draw two lines on the back of the belt 1 000 mm apart.
- 4 Increase the distance between the two lines according to data provided in **table 17**.

If more appropriate, the following approach could be used.

- 1 Use a tape measure to measure the outside circumference of the belt.
- 2 Using the length multiplier from **table 18** and calculate the length of the belt under adequate tension.
- 3 Increase the drive centre distance until the tape measure reaches the calculated length.

**Note:** If you are re-tensioning a used belt, decrease the centre distance until there is no tension on the belt, then you can tape the outside.

Table 17

### Length addition for 1 000 mm of belt strand

| Single belt, banded belt                    | A    | B    | C   | D    | SPA SPA-XP | SPB SPB-XP 5V 5V-XP | SPC SPC-XP | 8V 8V-XP |
|---|------|------|-----|------|------------|---------------------|------------|----------|
| Elongation per 1 000 mm of belt strand (mm) |      |      |     |      |            |                     |            |          |
| 200   | 3,4  | 1,5  | –   | –    | 3,0        | –                   | –          | –        |
| 250   | 4,3  | 1,8  | –   | –    | 3,8        | –                   | –          | –        |
| 300   | 5,1  | 2,2  | –   | –    | 4,5        | –                   | –          | –        |
| 350   | 6,0  | 2,6  | –   | –    | 5,3        | –                   | –          | –        |
| 400   | 6,8  | 2,9  | 2,4 | –    | 6,0        | 2,1                 | –          | –        |
| 450   | 7,7  | 3,3  | 2,7 | –    | 6,8        | 2,6                 | –          | –        |
| 500   | 8,5  | 3,7  | 3,0 | –    | 7,5        | 3,1                 | –          | –        |
| 550   | 9,4  | 4,0  | 3,3 | –    | 8,3        | 3,6                 | 1,9        | –        |
| 600   | 10,2 | 4,4  | 3,6 | 3,2  | 9,0        | 4,1                 | 2,2        | –        |
| 650   | 11,1 | 4,8  | 3,8 | 3,4  | 9,8        | 4,6                 | 2,5        | –        |
| 700   | 11,9 | 5,2  | 4,1 | 3,7  | 10,5       | 5,1                 | 2,9        | –        |
| 750   | 12,8 | 5,5  | 4,4 | 4,0  | 11,3       | 5,6                 | 3,2        | –        |
| 800   | –    | 5,9  | 4,7 | 4,2  | –          | 6,1                 | 3,6        | –        |
| 900   | –    | 6,6  | 5,3 | 4,7  | –          | 7,0                 | 4,1        | –        |
| 1 000                                       | –    | 7,4  | 5,9 | 5,3  | –          | 7,9                 | 4,7        | –        |
| 1 200                                       | –    | 8,8  | 7,1 | 6,3  | –          | 9,5                 | 5,8        | 3,6      |
| 1 400                                       | –    | 10,3 | 8,3 | 7,4  | –          | 11,2                | 6,8        | 4,6      |
| 1 600                                       | –    | 11,8 | 9,5 | 8,4  | –          | 12,9                | 7,9        | 5,6      |
| 1 800                                       | –    | –    | –   | 9,5  | –          | 14,6                | 9,0        | 6,6      |
| 2 000                                       | –    | –    | –   | 10,6 | –          | 16,2                | 10,0       | 7,6      |
| 2 250                                       | –    | –    | –   | 11,9 | –          | 18,3                | 11,3       | 8,7      |
| 2 500                                       | –    | –    | –   | 13,2 | –          | 20,4                | 12,7       | 9,9      |
| 2 750                                       | –    | –    | –   | 14,5 | –          | 22,4                | 14,0       | 11,0     |
| 3 000                                       | –    | –    | –   | –    | –          | –                   | 15,3       | 12,2     |
| 3 250                                       | –    | –    | –   | –    | –          | –                   | 16,6       | 13,3     |
| 3 500                                       | –    | –    | –   | –    | –          | –                   | –          | 14,5     |
| 3 750                                       | –    | –    | –   | –    | –          | –                   | –          | 15,6     |
| 4 000                                       | –    | –    | –   | –    | –          | –                   | –          | 16,8     |
| 4 250                                       | –    | –    | –   | –    | –          | –                   | –          | 17,9     |

Table 18

### Belt length multiplier

| Single belt, banded belt | A      | B      | C      | D      | SPA SPA-XP | SPB SPB-XP 5V 5V-XP | SPC SPC-XP | 8V 8V-XP |
|--------------------------|--------|--------|--------|--------|------------|---------------------|------------|----------|
| Belt length multipliers  |        |        |        |        |            |                     |            |          |
| 200                      | 1,0034 | 1,0015 | –      | –      | 1,0030     | –                   | –          | –        |
| 250                      | 1,0043 | 1,0018 | –      | –      | 1,0038     | –                   | –          | –        |
| 300                      | 1,0051 | 1,0022 | –      | –      | 1,0045     | –                   | –          | –        |
| 350                      | 1,0060 | 1,0026 | –      | –      | 1,0053     | –                   | –          | –        |
| 400                      | 1,0068 | 1,0029 | 1,0024 | –      | 1,0060     | 1,0021              | –          | –        |
| 450                      | 1,0077 | 1,0033 | 1,0027 | –      | 1,0068     | 1,0026              | –          | –        |
| 500                      | 1,0085 | 1,0037 | 1,0030 | –      | 1,0075     | 1,0031              | –          | –        |
| 550                      | 1,0094 | 1,0040 | 1,0033 | –      | 1,0083     | 1,0036              | 1,0019     | –        |
| 600                      | 1,0102 | 1,0044 | 1,0036 | 1,0032 | 1,0090     | 1,0041              | 1,0022     | –        |
| 650                      | 1,0111 | 1,0048 | 1,0038 | 1,0034 | 1,0098     | 1,0046              | 1,0025     | –        |
| 700                      | 1,0119 | 1,0052 | 1,0041 | 1,0037 | 1,0105     | 1,0051              | 1,0029     | –        |
| 750                      | 1,0128 | 1,0055 | 1,0044 | 1,0040 | 1,0113     | 1,0056              | 1,0032     | –        |
| 800                      | –      | 1,0059 | 1,0047 | 1,0042 | –          | 1,0061              | 1,0036     | –        |
| 900                      | –      | 1,0066 | 1,0053 | 1,0047 | –          | 1,0070              | 1,0041     | –        |
| 1 000                    | –      | 1,0074 | 1,0059 | 1,0053 | –          | 1,0079              | 1,0047     | –        |
| 1 200                    | –      | 1,0088 | 1,0071 | 1,0063 | –          | 1,0095              | 1,0058     | 1,0036   |
| 1 400                    | –      | 1,0103 | 1,0083 | 1,0074 | –          | 1,0112              | 1,0068     | 1,0046   |
| 1 600                    | –      | 1,0118 | 1,0095 | 1,0084 | –          | 1,0129              | 1,0079     | 1,0056   |
| 1 800                    | –      | –      | –      | 1,0095 | –          | 1,0146              | 1,0090     | 1,0066   |
| 2 000                    | –      | –      | –      | 1,0106 | –          | 1,0162              | 1,0100     | 1,0076   |
| 2 250                    | –      | –      | –      | 1,0119 | –          | 1,0183              | 1,0113     | 1,0087   |
| 2 500                    | –      | –      | –      | 1,0132 | –          | 1,0204              | 1,0127     | 1,0099   |
| 2 750                    | –      | –      | –      | 1,0145 | –          | 1,0224              | 1,0140     | 1,0110   |
| 3 000                    | –      | –      | –      | –      | –          | –                   | 1,0153     | 1,0122   |
| 3 250                    | –      | –      | –      | –      | –          | –                   | 1,0166     | 1,0133   |
| 3 500                    | –      | –      | –      | –      | –          | –                   | –          | 1,0145   |
| 3 750                    | –      | –      | –      | –      | –          | –                   | –          | 1,0156   |
| 4 000                    | –      | –      | –      | –      | –          | –                   | –          | 1,0168   |
| 4 250                    | –      | –      | –      | –      | –          | –                   | –          | 1,0179   |

# Special drives with idlers

## Use of idlers

Idlers are grooved or flat pulleys that do not transmit any power in a drive system.

Depending on the drive requirements, they can be used on either the inside or outside of the belt.

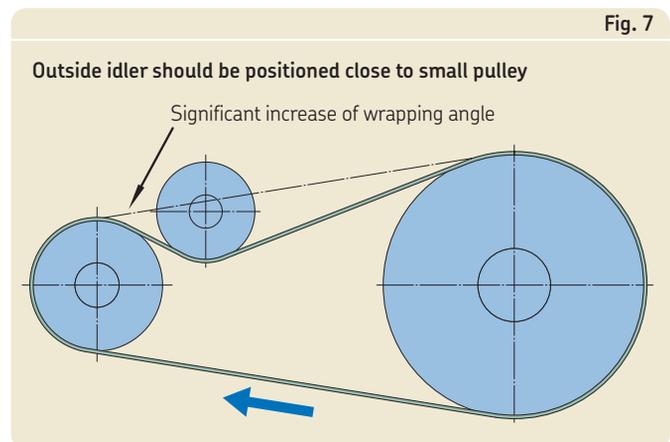
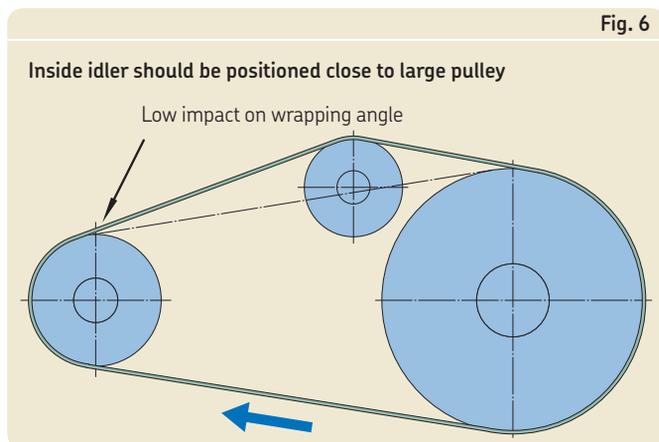
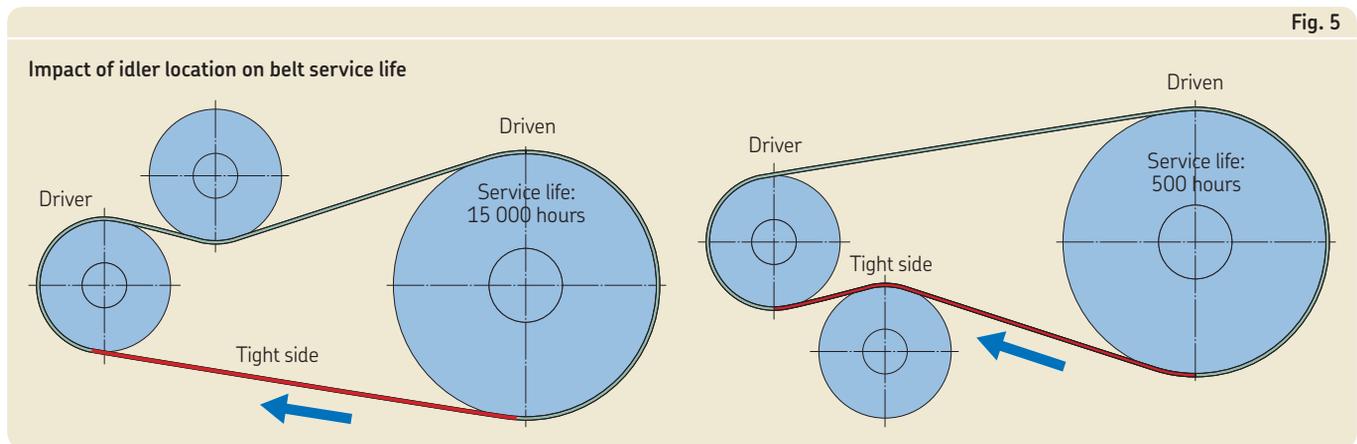
It is generally recommended to avoid any idlers on the drive as they produce additional bending stress on the belt. However, there are situations where idlers cannot be avoided. For example:

- Drives with a fix centre distance: Idlers are installed to provide required tension.
- Drives with long span: Excessive belt vibration may occur. Idlers in such cases are used as dampeners.

- Drives with low bending angle on smaller pulley, which reduces the overall power capacity of the belt: Outside idlers are then positioned close to the small pulley, which will increase the bending angle and provide better grip.

When using idlers, the following considerations should be taken into account:

- They must always be installed on the slack side of the belt. This is particularly important in case of outside idlers. An outside idler installed on tight side causes backward bend, which in combination with high belt tension, contributes to premature belt failure (→ fig. 5).
- Inside (grooved) idlers do not generate reverse bending of the belt thus causing less damage than backside idlers. They will, however, decrease the bending angle. Therefore, they should be positioned as close as possible to a large pulley (→ fig. 6). The inside diameter of an idler pulley should not be smaller than the inside diameter of the drive side pulley.
- Outside idlers should be positioned as close as possible to the small pulley to increase the bending angle (→ fig. 7).





Minimum outside idler diameter should not be less than 1,3 times the diameter of the small pulley (→ **fig. 8**).

The wrapping angle of the belt around an idler should be as small as possible. Stress analyses show that, in addition to the amount of backward bend, the duration of deformation is also important. A small wrapping angle reduces the duration of deformation and has less of a negative impact on the belt (→ **fig. 9**).

Outside idlers should be cylindrical (not crowned) and should have flanges on both sides. The flanges should have sharp corners to prevent the belt from riding out of the pulley.

Fig. 8

#### Impact of outside idler diameter on SPB belt service

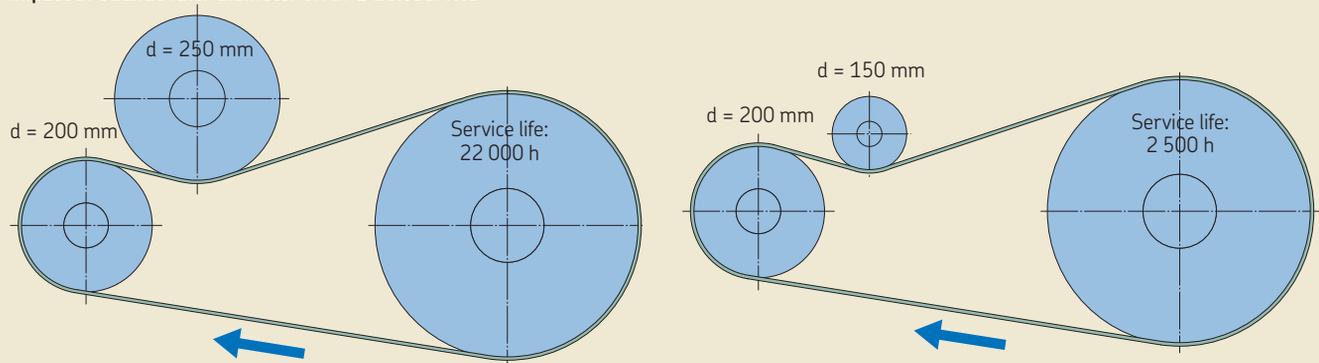
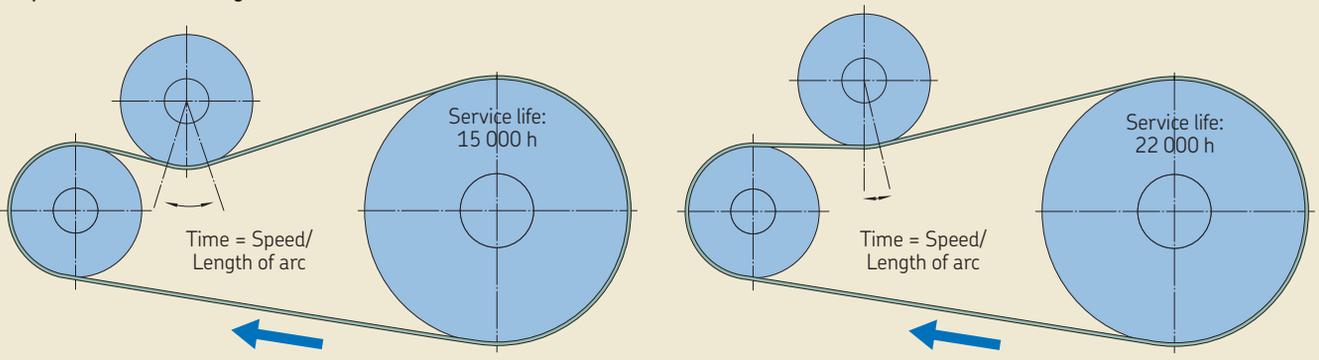


Fig. 9

#### Impact of reverse bending duration time on SPB belt service life



# Banded belts

SKF banded V-belts are made up of two or more standard V-belts connected together on the top with a reinforced rubber band.

They are available in wedge belt constructions SPA, SPB, SPC, narrow wedge constructions 3V, 5V, 8V, and classical V-belt constructions A, B, C, D.

## 1 Advantages of banded V-belts

Single V-belts can handle most general drive requirements. However, under certain operating conditions, there might be an issue with belt vibrations or belt whipping, which causes the belt to come off the drive. In cases like this, banded belts offer a simple and reliable solution.

Other advantages:

- Eliminates excessive belt slip in case of heavy starts of the drive
- Prevents belts from turning over
- Banded belts can transmit more power than single belts, making them more reliable

## 2 Banded belts and pulleys cross reference

Generally, banded belts do not need special pulleys. Most of them run on the same pulleys as single belts.

Banded SPA, SPB, SPC belts are designed for in standard pulleys (ISO 4183). Banded 3V, 5V, 8V belts require standard RMA IP20/ISO 5290 pulleys.

The only exceptions are some A, B, C and D classic profile banded belts.

Single classical belts could run in both ISO 4183 and RMA IP20/ISO 5291 pulleys, while banded classical belts generally utilize RMA IP20/ISO 5291 pulleys only.

See **table 19** for belt pulley cross reference.

## 3 Tensioning of banded belts

Standard tensioning methods, by deflection load or belt frequency, may not be appropriate for tensioning a banded belt. This is particularly true for applications where there are long spans and heavy belts. To tension banded belts, SKF recommends using the belt elongation method on **page 71**.

Table 19

### V belts – belts and pulleys crossreference

| Section             | Designation | Required centre to centre distance for pulley grooves <sup>1)</sup> | Wedge belt pulleys ISO 4183 | Narrow wedge pulleys RMA IP 22, ISO 5290 | Classical V-belts pulleys RMA IP20, ISO 5291 |
|---------------------|-------------|---|-----------------------------|--|--|
| –                   | –           | mm  | –                           | –  | –  |
| <b>Single belts</b> |             |   |                             |  |  |
| Wedge belts         | SPZ         | –   | ✓                           | ✗  | ✗  |
|                     | SPA         | –   | ✓                           | ✗  | ✗  |
|                     | SPB         | –   | ✓                           | ✗  | ✗  |
|                     | SPC         | –   | ✓                           | ✗  | ✗  |
| Classical           | A           | –   | ✓                           | ✗  | ✓  |
|                     | B           | –   | ✓                           | ✗  | ✓  |
|                     | C           | –   | ✓                           | ✗  | ✓  |
|                     | D           | –   | ✓                           | ✗  | ✓  |
| Narrow wedge        | 3V          | –   | ✓                           | ✓  | ✗  |
|                     | 5V          | –   | ✓                           | ✓  | ✗  |
|                     | 8V          | –   | ✗                           | ✓  | ✗  |
| <b>Banded belts</b> |             |   |                             |  |  |
| Wedge belts         | SPZ         | 12,0  | ✓                           | ✗  | ✗  |
|                     | SPA         | 15,0  | ✓                           | ✗  | ✗  |
|                     | SPB         | 19,0  | ✓                           | ✗  | ✗  |
|                     | SPC         | 25,5  | ✓                           | ✗  | ✗  |
| Classical           | A           | 15,9  | ✗                           | ✗  | ✓ <sup>2)</sup>                              |
|                     | B           | 19,0  | ✓                           | ✗  | ✓ <sup>2)</sup>                              |
|                     | C           | 25,4  | ✓                           | ✗  | ✓  |
|                     | D           | 36,5  | ✗                           | ✗  | ✓  |
| Narrow wedge        | 3V          | 10,3  | ✗                           | ✓  | ✗  |
|                     | 5V          | 17,5  | ✗                           | ✓  | ✗  |
|                     | 8V          | 28,6  | ✗                           | ✓  | ✗  |

<sup>1)</sup> Please check pulley chapter to see groove centre to centre distance for SKF pulleys.

<sup>2)</sup> Not valid for A/B combination pulley.

✗ = Will not fit the indicated pulley

✓ = Will fit the indicated pulley

# V-belt pulleys

X = Will not fit the indicated pulley  
 ✓ = Will fit in the pulley

Table 20a

**SPZ (taper bushed)**

| Pulley datum diameter | Number of grooves |   |   |   |   |   |   |  |
|-----------------------|-------------------|---|---|---|---|---|---|--|
|                       | 1                 | 2 | 3 | 4 | 5 | 6 | 8 |  |
| mm                    | -                 |   |   |   |   |   |   |  |
| 50                    | ✓                 | ✓ | X | X | X | X | X |  |
| 56                    | ✓                 | ✓ | X | X | X | X | X |  |
| 60                    | ✓                 | X | X | X | X | X | X |  |
| 63                    | ✓                 | ✓ | ✓ | ✓ | X | X | X |  |
| 67                    | ✓                 | ✓ | ✓ | ✓ | X | X | X |  |
| 71                    | ✓                 | ✓ | ✓ | ✓ | X | X | X |  |
| 75                    | ✓                 | ✓ | ✓ | ✓ | X | X | X |  |
| 80                    | ✓                 | ✓ | ✓ | ✓ | X | X | X |  |
| 85                    | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X |  |
| 90                    | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X |  |
| 95                    | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X |  |
| 100                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X |  |
| 106                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X |  |
| 112                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X |  |
| 118                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X |  |
| 125                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X |  |
| 132                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X |  |
| 140                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| 150                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| 160                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| 170                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X |  |
| 180                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X |  |
| 190                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X |  |
| 200                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| 224                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| 250                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| 280                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| 315                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X |  |
| 355                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| 400                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| 450                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| 500                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| 500                   | X                 | X | ✓ | ✓ | ✓ | ✓ | X |  |
| 630                   | X                 | X | ✓ | ✓ | ✓ | ✓ | X |  |
| 800                   | X                 | X | ✓ | ✓ | ✓ | ✓ | X |  |
| 800                   | X                 | X | ✓ | ✓ | ✓ | ✓ | X |  |

Table 20b

**SPA (taper bushed)**

| Pulley datum diameter | Number of grooves |   |   |   |   |   |
|-----------------------|-------------------|---|---|---|---|---|
|                       | 1                 | 2 | 3 | 4 | 5 | 6 |
| mm                    | -                 |   |   |   |   |   |
| 63                    | ✓                 | ✓ | X | X | X | X |
| 67                    | ✓                 | ✓ | X | X | X | X |
| 71                    | ✓                 | ✓ | ✓ | X | X | X |
| 75                    | ✓                 | ✓ | ✓ | X | X | X |
| 80                    | ✓                 | ✓ | ✓ | X | X | X |
| 85                    | ✓                 | ✓ | ✓ | X | X | X |
| 90                    | ✓                 | ✓ | ✓ | ✓ | X | X |
| 95                    | ✓                 | ✓ | ✓ | ✓ | X | X |
| 100                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 106                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 112                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 118                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 125                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 132                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 140                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 150                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 160                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 170                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 180                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 190                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 200                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 212                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 224                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 250                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 280                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 315                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 355                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 400                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 450                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 500                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 630                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 800                   | X                 | X | ✓ | ✓ | ✓ | ✓ |
| 1 000                 | X                 | X | ✓ | ✓ | ✓ | ✓ |

Table 20c

**SPB (taper bushed)**

| Pulley datum diameter | Number of grooves |   |   |   |   |   |   |    |  |  |
|-----------------------|-------------------|---|---|---|---|---|---|----|--|--|
|                       | 1                 | 2 | 3 | 4 | 5 | 6 | 8 | 10 |  |  |
| mm                    | -                 |   |   |   |   |   |   |    |  |  |
| 100                   | ✓                 | ✓ | ✓ | ✓ | X | X | X | X  |  |  |
| 106                   | ✓                 | ✓ | ✓ | ✓ | X | X | X | X  |  |  |
| 112                   | ✓                 | ✓ | ✓ | ✓ | X | X | X | X  |  |  |
| 118                   | ✓                 | ✓ | ✓ | ✓ | X | X | X | X  |  |  |
| 125                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X | X  |  |  |
| 132                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X | X  |  |  |
| 140                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X | X  |  |  |
| 150                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X  |  |  |
| 160                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X  |  |  |
| 170                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X  |  |  |
| 180                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X  |  |  |
| 190                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X  |  |  |
| 200                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X  |  |  |
| 212                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X  |  |  |
| 224                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 236                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 250                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 280                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 300                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 315                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 335                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 355                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 400                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 450                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 500                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 560                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 630                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 710                   | X                 | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 800                   | X                 | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 900                   | X                 | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 1 000                 | X                 | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 1 250                 | X                 | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |

For additional information about a specific pulley, refer to the SKF Power Transmission catalogue.

# V-belt pulleys

Table 20d

## SPC (taper bushed)

| Pulley datum diameter | Number of grooves |   |   |   |   |    |
|-----------------------|-------------------|---|---|---|---|----|
|                       | 3                 | 4 | 5 | 6 | 8 | 10 |
| mm                    | -                 |   |   |   |   |    |
| 200                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗  |
| 212                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗  |
| 224                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 236                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 250                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 265                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 280                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 300                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 315                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 335                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 355                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 375                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 400                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 425                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 450                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 475                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 500                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 530                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 560                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 630                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 710                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 800                   | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 1 000                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |
| 1 250                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓  |

Table 20e

## A/B (taper bushed)

| Pulley datum diameter | Number of grooves |   |   |   |   |   |   |    |  |  |
|-----------------------|-------------------|---|---|---|---|---|---|----|--|--|
|                       | 1                 | 2 | 3 | 4 | 5 | 6 | 8 | 10 |  |  |
| in.                   | -                 |   |   |   |   |   |   |    |  |  |
| A/Belt                |                   |   |   |   |   |   |   |    |  |  |
| 3.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗  |  |  |
| 3.20                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗  |  |  |
| 3.40                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗  |  |  |
| 3.60                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗  |  |  |
| 3.80                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗  |  |  |
| 4.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗  |  |  |
| 4.20                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗  |  |  |
| 4.40                  | ✓                 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗  |  |  |
| 4.60                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗  |  |  |
| 4.80                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗  |  |  |
| 5.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 5.20                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 5.40                  | ✓                 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗  |  |  |
| 5.60                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 5.80                  | ✓                 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗  |  |  |
| 6.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 6.20                  | ✓                 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗  |  |  |
| 6.40                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 7.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 8.20                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 9.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 10.60                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 12.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |
| 15.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |
| 18.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |
| 19.60                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |
| 24.60                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |
| 29.60                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |
| 37.60                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |

| Pulley datum diameter | Number of grooves |   |   |   |   |   |   |    |  |  |
|-----------------------|-------------------|---|---|---|---|---|---|----|--|--|
|                       | 1                 | 2 | 3 | 4 | 5 | 6 | 8 | 10 |  |  |
| in.                   | -                 |   |   |   |   |   |   |    |  |  |
| B/Belt                |                   |   |   |   |   |   |   |    |  |  |
| 3.40                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗  |  |  |
| 3.60                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗  |  |  |
| 3.80                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗  |  |  |
| 4.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗  |  |  |
| 4.20                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗  |  |  |
| 4.40                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗  |  |  |
| 4.60                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗  |  |  |
| 4.80                  | ✓                 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗  |  |  |
| 5.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗  |  |  |
| 5.20                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗  |  |  |
| 5.40                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 5.60                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 5.80                  | ✓                 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗  |  |  |
| 6.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 6.20                  | ✓                 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗  |  |  |
| 6.40                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 6.60                  | ✓                 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗  |  |  |
| 6.80                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 7.40                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 8.60                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 9.40                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 11.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |  |  |
| 12.40                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |
| 15.40                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |
| 18.40                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |
| 20.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |
| 25.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |
| 30.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |
| 38.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗  |  |  |

Table 20f

## C (taper bushed)

| Pulley datum diameter | Number of grooves |   |   |   |   |   |    |    |
|-----------------------|-------------------|---|---|---|---|---|----|----|
|                       | 2                 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
| in.                   | -                 |   |   |   |   |   |    |    |
| 7.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗  | ✗  |
| 7.50                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗  | ✗  |
| 8.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗  | ✗  |
| 8.50                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✗ | ✗  | ✗  |
| 9.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  |
| 9.50                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  |
| 10.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  |
| 10.50                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  |
| 11.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  |
| 12.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  |

| Pulley datum diameter | Number of grooves |   |   |   |   |   |    |    |
|-----------------------|-------------------|---|---|---|---|---|----|----|
|                       | 2                 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
| in.                   | -                 |   |   |   |   |   |    |    |
| 13.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  |
| 14.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  |
| 16.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✗  |
| 18.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✗  |
| 20.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✗  |
| 24.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✗  |
| 30.00                 | ✗                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✗  |
| 36.00                 | ✗                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✗  |
| 44.00                 | ✗                 | ✗ | ✓ | ✓ | ✓ | ✓ | ✓  | ✗  |

Table 20g

## D (taper bushed)

| Pulley datum diameter | Number of grooves |   |   |   |    |
|-----------------------|-------------------|---|---|---|----|
|                       | 4                 | 5 | 6 | 8 | 10 |
| in.                   | -                 |   |   |   |    |
| 12.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 13.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 13.50                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 14.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 14.50                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 15.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 15.50                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 16.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 18.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 22.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 27.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 33.00                 | ✗                 | ✗ | ✓ | ✓ | ✓  |

# V-belt pulleys

Table 20h

### 3V (taper bushed)

| Pulley datum diameter | Number of grooves |   |   |   |   |   |   |    |
|-----------------------|-------------------|---|---|---|---|---|---|----|
|                       | 1                 | 2 | 3 | 4 | 5 | 6 | 8 | 10 |
| in.                   | -                 |   |   |   |   |   |   |    |
| 2.65                  | ✓                 | ✓ | X | X | X | X | X | X  |
| 2.80                  | ✓                 | ✓ | ✓ | ✓ | X | X | X | X  |
| 3.00                  | ✓                 | ✓ | ✓ | ✓ | X | X | X | X  |
| 3.15                  | ✓                 | ✓ | ✓ | ✓ | X | X | X | X  |
| 3.35                  | ✓                 | ✓ | ✓ | ✓ | X | X | X | X  |
| 3.65                  | ✓                 | ✓ | ✓ | ✓ | X | X | X | X  |
| 4.12                  | ✓                 | ✓ | ✓ | ✓ | X | X | X | X  |
| 4.50                  | ✓                 | ✓ | ✓ | ✓ | X | X | X | X  |
| 4.75                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 5.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 5.30                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 5.60                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 6.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 6.50                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 6.90                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 8.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 10.60                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 14.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 19.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 25.00                 | X                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 33.50                 | X                 | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |

Table 20i

### 5V (taper bushed)

| Pulley datum diameter | Number of grooves |   |   |   |   |   |    |
|-----------------------|-------------------|---|---|---|---|---|----|
|                       | 2                 | 3 | 4 | 5 | 6 | 8 | 10 |
| in.                   | -                 |   |   |   |   |   |    |
| 7.10                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X  |
| 7.50                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | X  |
| 8.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 8.50                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 9.00                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 9.25                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 9.75                  | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 10.30                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 10.90                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 11.30                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 11.80                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 12.50                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 13.20                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 14.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 15.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 16.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 18.70                 | X                 | X | X | X | X | X | ✓  |
| 21.20                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 28.00                 | ✓                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 37.50                 | X                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |
| 50.00                 | X                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  |

Table 20j

### 8V (taper bushed)

| Pulley datum diameter | Number of grooves |   |   |   |    |
|-----------------------|-------------------|---|---|---|----|
|                       | 4                 | 5 | 6 | 8 | 10 |
| in.                   | -                 |   |   |   |    |
| 12.50                 | ✓                 | ✓ | ✓ | ✓ | X  |
| 13.20                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 14.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 15.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 16.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 17.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 18.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 19.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 20.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 21.20                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 22.40                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 24.80                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 30.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 35.50                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 40.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 44.50                 | ✓                 | ✓ | ✓ | ✓ | ✓  |
| 53.00                 | ✓                 | ✓ | ✓ | ✓ | ✓  |

# Installation and maintenance

All SKF V-belts are produced to be set free, i.e. you can take any belt of the same designation from the shelf and put it on a multiple groove drive. Proper tensioning will compensate small length deviations and make all belts carry equal load on the drive.

Before installing a new belt, make sure that:

- 1 Pulleys are properly aligned. Maximum allowable misalignment  $\beta$  is  $0,3^\circ$  or 5 mm / 1 m of centre distance. Values greater than those listed will reduce the belt service life and cause edge wear. Misalignment is represented by the ways shown in **fig. 10**. A straight edge should be used to check proper alignment as in **fig. 11**.

A more precise way to check alignment, particularly over long distances, is the SKF Belt Alignment Tool ( $\rightarrow$  **fig. 12**).

- 2 Make sure that all pulley grooves are of the same size. Uneven wear of grooves causes belts running on different diameter levels in the pulley. That generates excessive slip of the belts on one side and bad effects similar to mismatched belts on the other side ( $\rightarrow$  **fig. 13**).

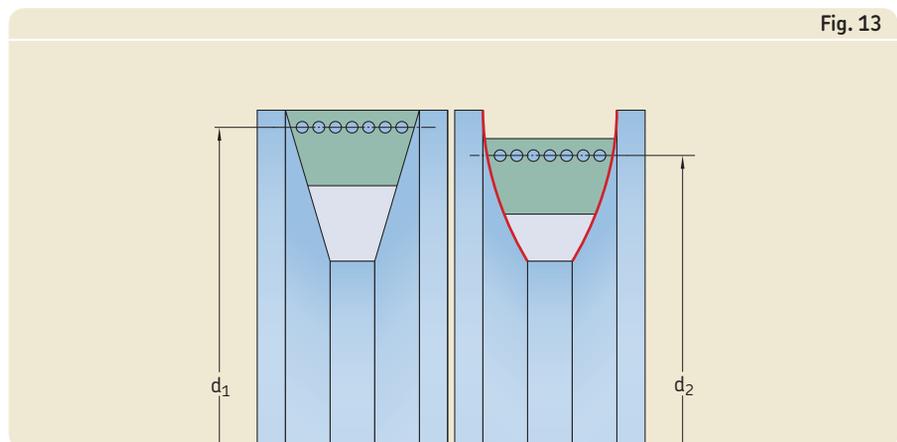
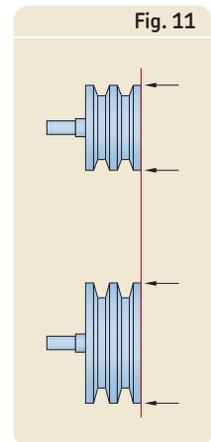
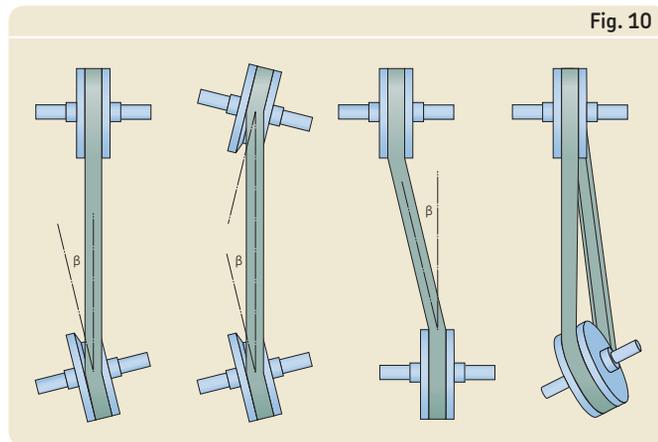


Fig. 14



General advice is to briefly inspect pulleys at every belt change but closely inspect and possibly replace at every third belt change. Use an SKF pulley gauge (→ **fig. 14**) to check pulley wear.

Pulleys should be replaced when more than 0,8 mm is detected between template and groove.

- 3** Never mix different brands or belt types on the same drive.

Belt lengths can differ from one manufacturer to another and different materials can have significantly different values for the coefficient of thermal contraction.

SKF also does not recommend mixing new and used belts as it may result in uneven load distribution and premature belt failure.

- 4** Never force belts over the pulley edge, since this may damage the surface and initiate a crack, which will weaken the belt and cause premature belt failure. Properly slack off and take up the drive until belts are easily placed in the grooves.

- 5** Do not rely on belt dressings to eliminate belt slippage. Belt dressings can temporarily increase friction between the belt and pulley. However, this is a temporary fix until the cause of slippage can be identified and corrected.

- 6** Tension belts according to SKF tensioning recommendations. Refer to Tensioning section on **pages 64 to 71** to review tensioning equipment available. Please note, that incorrect belt tension will cause premature belt failure. A good practice is to apply slightly higher, rather than lower, tension to the belt. General experience shows that an under-tensioned V-belt is the major cause of power loss and premature belt failure. However, be aware that excessive tension will cause premature bearing failure.

SKF recommends checking belt tension after the first 48 hours of continuous use and rechecking belt tension 3 to 4 times per year.

# Troubleshooting guide

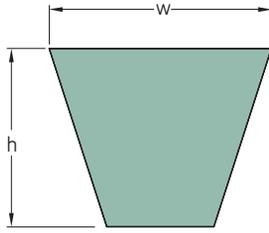
Table 21

| Problem                          | Possible causes                            | Solution  |
|----------------------------------|--|---|
| Belts mismatched                 | Used and new belts mixed                   | Replace with new set  |
|                                  | Misaligned drive                           | Belts are progressively tighter from one side to the other. Realign pulleys.  |
|                                  | Worn or badly machined pulley grooves      | Replace or rework the pulleys   |
|                                  | Belts undertensioned                       | Rotate drive to get all belts slack on bottom side. Retension to required value.  |
| Belts fail shortly after fitting | Improper belt installation                 | Belt levered over pulley. Follow installation instructions.   |
|                                  | Drive undersized                           | Check drive design  |
|                                  | Drive blocked                              | Remove cause  |
| Belt vibrations                  | Resonant condition                         | Change drive dimensions (increase/decrease centre distance), use outside "kissing" idler or inside idler on belt slack side.            |
|                                  | High shock load                            | Increase tension. Use SKF banded belts.   |
|                                  | Pulley not balanced                        | Provide dynamically balanced pulleys.   |
| Belts break and cracks           | Improper outside idler size or position    | Follow instructions on how to work with idlers.   |
|                                  | Pulley diameter too small                  | Belt flexing issue. Change pulley according to minimum diameter recommendations.  |
|                                  | Excessive heat                             | Remove source of heating. Use raw edge belts which resist higher temperatures. Check tension. Too loose belts will slip and cause heat. |
|                                  | Chemical attack                            | Provide adequate protection   |
| Belts turn over                  | Poor drive alignment                       | Realign pulleys   |
|                                  | Incorrect belt/pulley groove section       | Match belt and pulley   |
|                                  | Excessive wear of pulleys                  | Replace or rework the pulleys   |
|                                  | Too low tension on belts                   | Increase belt tension   |
| Belts wear rapidly               | Belt hitting guard frame                   | Remove cause  |
|                                  | Starting torque too high, overloaded drive | Check drive design and redesign   |
|                                  | Excessive pulley groove wear               | Replace or rework grooves   |
|                                  | Poor pulley alignment                      | Realign drive   |
|                                  | Belt tension too low                       | Increase belt tension   |
| Belts slip                       | Drive undertensioned                       | Tension properly  |
|                                  | Drive overload                             | Redesign the drive  |
|                                  | Pulleys worn (belt bottom in groove)       | Replace or rework grooves   |
|                                  | Excessive oil or grease                    | Provide better shielding on drive   |



# SKF Wrapped Wedge Belts

SPZ | SPA

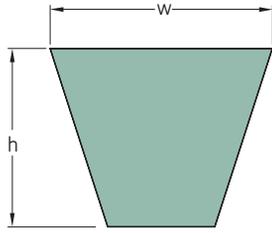


| Section | Dimensions   |     | Designations | Section     | Dimensions   |       | Designations | Section    | Dimensions   |      | Designations |             |    |             |
|---------|--------------|-----|--------------|-------------|--------------|-------|--------------|------------|--------------|------|--------------|-------------|----|-------------|
|         | Pitch length |     |              |             | Pitch length |       |              |            | Pitch length |      |              |             |    |             |
|         | w            | h   |              | w           | h            |       | w            | h          |              |      |              |             |    |             |
|         | mm           |     |              | mm          |              |       | mm           |            |              |      |              |             |    |             |
| SPZ     | 512          | 9,7 | 8            | PHG SPZ512  | SPZ          | 1 387 | 9,7          | 8          | PHG SPZ1387  | SPA  | 807          | 12,7        | 10 | PHG SPA807  |
|         | 560          | 9,7 | 8            | PHG SPZ560  |              | 1 400 | 9,7          | 8          | PHG SPZ1400  |      | 832          | 12,7        | 10 | PHG SPA832  |
|         | 562          | 9,7 | 8            | PHG SPZ562  |              | 1 412 | 9,7          | 8          | PHG SPZ1412  |      | 850          | 12,7        | 10 | PHG SPA850  |
|         | 587          | 9,7 | 8            | PHG SPZ587  |              | 1 420 | 9,7          | 8          | PHG SPZ1420  |      | 857          | 12,7        | 10 | PHG SPA857  |
|         | 612          | 9,7 | 8            | PHG SPZ612  |              | 1 437 | 9,7          | 8          | PHG SPZ1437  |      | 882          | 12,7        | 10 | PHG SPA882  |
|         | 630          | 9,7 | 8            | PHG SPZ630  |              | 1 462 | 9,7          | 8          | PHG SPZ1462  |      | 900          | 12,7        | 10 | PHG SPA900  |
|         | 637          | 9,7 | 8            | PHG SPZ637  |              | 1 487 | 9,7          | 8          | PHG SPZ1487  |      | 907          | 12,7        | 10 | PHG SPA907  |
|         | 662          | 9,7 | 8            | PHG SPZ662  |              | 1 500 | 9,7          | 8          | PHG SPZ1500  |      | 925          | 12,7        | 10 | PHG SPA925  |
|         | 670          | 9,7 | 8            | PHG SPZ670  |              | 1 512 | 9,7          | 8          | PHG SPZ1512  |      | 932          | 12,7        | 10 | PHG SPA932  |
|         | 687          | 9,7 | 8            | PHG SPZ687  |              | 1 520 | 9,7          | 8          | PHG SPZ1520  |      | 950          | 12,7        | 10 | PHG SPA950  |
|         | 710          | 9,7 | 8            | PHG SPZ710  |              | 1 537 | 9,7          | 8          | PHG SPZ1537  |      | 957          | 12,7        | 10 | PHG SPA957  |
|         | 722          | 9,7 | 8            | PHG SPZ722  |              | 1 562 | 9,7          | 8          | PHG SPZ1562  |      | 969          | 12,7        | 10 | PHG SPA969  |
|         | 737          | 9,7 | 8            | PHG SPZ737  |              | 1 587 | 9,7          | 8          | PHG SPZ1587  |      | 975          | 12,7        | 10 | PHG SPA975  |
|         | 750          | 9,7 | 8            | PHG SPZ750  |              | 1 600 | 9,7          | 8          | PHG SPZ1600  |      | 982          | 12,7        | 10 | PHG SPA982  |
|         | 760          | 9,7 | 8            | PHG SPZ760  |              | 1 612 | 9,7          | 8          | PHG SPZ1612  |      | 1 000        | 12,7        | 10 | PHG SPA1000 |
|         | 762          | 9,7 | 8            | PHG SPZ762  |              | 1 637 | 9,7          | 8          | PHG SPZ1637  |      | 1 007        | 12,7        | 10 | PHG SPA1007 |
|         | 772          | 9,7 | 8            | PHG SPZ772  |              | 1 650 | 9,7          | 8          | PHG SPZ1650  |      | 1 030        | 12,7        | 10 | PHG SPA1030 |
|         | 787          | 9,7 | 8            | PHG SPZ787  |              | 1 662 | 9,7          | 8          | PHG SPZ1662  |      | 1 032        | 12,7        | 10 | PHG SPA1032 |
|         | 800          | 9,7 | 8            | PHG SPZ800  |              | 1 687 | 9,7          | 8          | PHG SPZ1687  |      | 1 055        | 12,7        | 10 | PHG SPA1055 |
|         | 812          | 9,7 | 8            | PHG SPZ812  |              | 1 700 | 9,7          | 8          | PHG SPZ1700  |      | 1 060        | 12,7        | 10 | PHG SPA1060 |
|         | 825          | 9,7 | 8            | PHG SPZ825  |              | 1 737 | 9,7          | 8          | PHG SPZ1737  |      | 1 082        | 12,7        | 10 | PHG SPA1082 |
|         | 837          | 9,7 | 8            | PHG SPZ837  |              | 1 750 | 9,7          | 8          | PHG SPZ1750  |      | 1 090        | 12,7        | 10 | PHG SPA1090 |
|         | 850          | 9,7 | 8            | PHG SPZ850  |              | 1 762 | 9,7          | 8          | PHG SPZ1762  |      | 1 107        | 12,7        | 10 | PHG SPA1107 |
|         | 862          | 9,7 | 8            | PHG SPZ862  |              | 1 787 | 9,7          | 8          | PHG SPZ1787  |      | 1 120        | 12,7        | 10 | PHG SPA1120 |
|         | 875          | 9,7 | 8            | PHG SPZ875  |              | 1 800 | 9,7          | 8          | PHG SPZ1800  |      | 1 132        | 12,7        | 10 | PHG SPA1132 |
|         | 887          | 9,7 | 8            | PHG SPZ887  |              | 1 812 | 9,7          | 8          | PHG SPZ1812  |      | 1 150        | 12,7        | 10 | PHG SPA1150 |
|         | 900          | 9,7 | 8            | PHG SPZ900  |              | 1 837 | 9,7          | 8          | PHG SPZ1837  |      | 1 157        | 12,7        | 10 | PHG SPA1157 |
|         | 912          | 9,7 | 8            | PHG SPZ912  |              | 1 850 | 9,7          | 8          | PHG SPZ1850  |      | 1 180        | 12,7        | 10 | PHG SPA1180 |
|         | 925          | 9,7 | 8            | PHG SPZ925  |              | 1 862 | 9,7          | 8          | PHG SPZ1862  |      | 1 190        | 12,7        | 10 | PHG SPA1190 |
|         | 937          | 9,7 | 8            | PHG SPZ937  |              | 1 887 | 9,7          | 8          | PHG SPZ1887  |      | 1 200        | 12,7        | 10 | PHG SPA1200 |
|         | 950          | 9,7 | 8            | PHG SPZ950  |              | 1 900 | 9,7          | 8          | PHG SPZ1900  |      | 1 207        | 12,7        | 10 | PHG SPA1207 |
|         | 962          | 9,7 | 8            | PHG SPZ962  |              | 1 937 | 9,7          | 8          | PHG SPZ1937  |      | 1 220        | 12,7        | 10 | PHG SPA1220 |
|         | 987          | 9,7 | 8            | PHG SPZ987  |              | 1 950 | 9,7          | 8          | PHG SPZ1950  |      | 1 232        | 12,7        | 10 | PHG SPA1232 |
|         | 1 000        | 9,7 | 8            | PHG SPZ1000 |              | 1 987 | 9,7          | 8          | PHG SPZ1987  |      | 1 250        | 12,7        | 10 | PHG SPA1250 |
|         | 1 010        | 9,7 | 8            | PHG SPZ1010 |              | 2 000 | 9,7          | 8          | PHG SPZ2000  |      | 1 257        | 12,7        | 10 | PHG SPA1257 |
|         | 1 012        | 9,7 | 8            | PHG SPZ1012 |              | 2 037 | 9,7          | 8          | PHG SPZ2037  |      | 1 272        | 12,7        | 10 | PHG SPA1272 |
|         | 1 024        | 9,7 | 8            | PHG SPZ1024 |              | 2 060 | 9,7          | 8          | PHG SPZ2060  |      | 1 282        | 12,7        | 10 | PHG SPA1282 |
|         | 1 037        | 9,7 | 8            | PHG SPZ1037 |              | 2 120 | 9,7          | 8          | PHG SPZ2120  |      | 1 300        | 12,7        | 10 | PHG SPA1300 |
|         | 1 047        | 9,7 | 8            | PHG SPZ1047 |              | 2 137 | 9,7          | 8          | PHG SPZ2137  |      | 1 307        | 12,7        | 10 | PHG SPA1307 |
|         | 1 060        | 9,7 | 8            | PHG SPZ1060 |              | 2 160 | 9,7          | 8          | PHG SPZ2160  |      | 1 320        | 12,7        | 10 | PHG SPA1320 |
|         | 1 077        | 9,7 | 8            | PHG SPZ1077 |              | 2 187 | 9,7          | 8          | PHG SPZ2187  |      | 1 332        | 12,7        | 10 | PHG SPA1332 |
|         | 1 080        | 9,7 | 8            | PHG SPZ1080 |              | 2 240 | 9,7          | 8          | PHG SPZ2240  |      | 1 357        | 12,7        | 10 | PHG SPA1357 |
|         | 1 087        | 9,7 | 8            | PHG SPZ1087 |              | 2 262 | 9,7          | 8          | PHG SPZ2262  |      | 1 360        | 12,7        | 10 | PHG SPA1360 |
|         | 1 112        | 9,7 | 8            | PHG SPZ1112 |              | 2 280 | 9,7          | 8          | PHG SPZ2280  |      | 1 367        | 12,7        | 10 | PHG SPA1367 |
|         | 1 120        | 9,7 | 8            | PHG SPZ1120 |              | 2 287 | 9,7          | 8          | PHG SPZ2287  |      | 1 382        | 12,7        | 10 | PHG SPA1382 |
| 1 137   | 9,7          | 8   | PHG SPZ1137  | 2 360       | 9,7          | 8     | PHG SPZ2360  | 1 400      | 12,7         | 10   | PHG SPA1400  |             |    |             |
| 1 140   | 9,7          | 8   | PHG SPZ1140  | 2 410       | 9,7          | 8     | PHG SPZ2410  | 1 407      | 12,7         | 10   | PHG SPA1407  |             |    |             |
| 1 150   | 9,7          | 8   | PHG SPZ1150  | 2 500       | 9,7          | 8     | PHG SPZ2500  | 1 415      | 12,7         | 10   | PHG SPA1415  |             |    |             |
| 1 162   | 9,7          | 8   | PHG SPZ1162  | 2 540       | 9,7          | 8     | PHG SPZ2540  | 1 420      | 12,7         | 10   | PHG SPA1420  |             |    |             |
| 1 180   | 9,7          | 8   | PHG SPZ1180  | 2 580       | 9,7          | 8     | PHG SPZ2580  | 1 432      | 12,7         | 10   | PHG SPA1432  |             |    |             |
| 1 187   | 9,7          | 8   | PHG SPZ1187  | 2 650       | 9,7          | 8     | PHG SPZ2650  | 1 450      | 12,7         | 10   | PHG SPA1450  |             |    |             |
| 1 200   | 9,7          | 8   | PHG SPZ1200  | 2 690       | 9,7          | 8     | PHG SPZ2690  | 1 457      | 12,7         | 10   | PHG SPA1457  |             |    |             |
| 1 202   | 9,7          | 8   | PHG SPZ1202  | 2 800       | 9,7          | 8     | PHG SPZ2800  | 1 482      | 12,7         | 10   | PHG SPA1482  |             |    |             |
| 1 212   | 9,7          | 8   | PHG SPZ1212  | 2 840       | 9,7          | 8     | PHG SPZ2840  | 1 490      | 12,7         | 10   | PHG SPA1490  |             |    |             |
| 1 237   | 9,7          | 8   | PHG SPZ1237  | 2 900       | 9,7          | 8     | PHG SPZ2900  | 1 500      | 12,7         | 10   | PHG SPA1500  |             |    |             |
| 1 250   | 9,7          | 8   | PHG SPZ1250  | 3 000       | 9,7          | 8     | PHG SPZ3000  | 1 507      | 12,7         | 10   | PHG SPA1507  |             |    |             |
| 1 262   | 9,7          | 8   | PHG SPZ1262  | 3 150       | 9,7          | 8     | PHG SPZ3150  | 1 532      | 12,7         | 10   | PHG SPA1532  |             |    |             |
| 1 270   | 9,7          | 8   | PHG SPZ1270  | 3 170       | 9,7          | 8     | PHG SPZ3170  | 1 550      | 12,7         | 10   | PHG SPA1550  |             |    |             |
| 1 287   | 9,7          | 8   | PHG SPZ1287  | 3 350       | 9,7          | 8     | PHG SPZ3350  | 1 557      | 12,7         | 10   | PHG SPA1557  |             |    |             |
| 1 312   | 9,7          | 8   | PHG SPZ1312  | 3 550       | 9,7          | 8     | PHG SPZ3550  | 1 582      | 12,7         | 10   | PHG SPA1582  |             |    |             |
| 1 320   | 9,7          | 8   | PHG SPZ1320  | SPA         | 732          | 12,7  | 10           | PHG SPA732 | 1 600        | 12,7 | 10           | PHG SPA1600 |    |             |
| 1 337   | 9,7          | 8   | PHG SPZ1337  |             | 757          | 12,7  | 10           | PHG SPA757 | 1 607        | 12,7 | 10           | PHG SPA1607 |    |             |
| 1 340   | 9,7          | 8   | PHG SPZ1340  |             | 775          | 12,7  | 10           | PHG SPA775 | 1 632        | 12,7 | 10           | PHG SPA1632 |    |             |
| 1 347   | 9,7          | 8   | PHG SPZ1347  |             | 782          | 12,7  | 10           | PHG SPA782 | 1 650        | 12,7 | 10           | PHG SPA1650 |    |             |
| 1 362   | 9,7          | 8   | PHG SPZ1362  |             | 800          | 12,7  | 10           | PHG SPA800 | 1 657        | 12,7 | 10           | PHG SPA1657 |    |             |

Non-standard lengths are also available.

# SKF Wrapped Wedge Belts

SPA | SPB | SPC

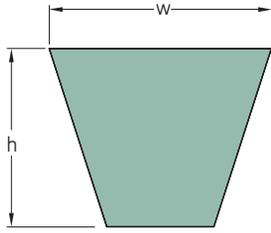


| Section | Dimensions   |      | Designations | Section     | Dimensions   |       | Designations | Section     | Dimensions   |      | Designations |       |              |             |             |             |
|---------|--------------|------|--------------|-------------|--------------|-------|--------------|-------------|--------------|------|--------------|-------|--------------|-------------|-------------|-------------|
|         | Pitch length |      |              |             | Pitch length |       |              |             | Pitch length |      |              |       |              |             |             |             |
|         | w            | h    |              |             | w            | h     |              | w           | h            |      |              |       |              |             |             |             |
| -       | mm           |      | -            | -           | mm           |       | -            | -           | mm           |      | -            |       |              |             |             |             |
| SPA     | 1 682        | 12,7 | 10           | PHG SPA1682 | SPA          | 3 550 | 12,7         | 10          | PHG SPA3550  | SPB  | 4 310        | 16,3  | 13           | PHG SPB4310 |             |             |
|         | 1 700        | 12,7 | 10           | PHG SPA1700 |              | 3 750 | 12,7         | 10          | PHG SPA3750  |      | 4 500        | 16,3  | 13           | PHG SPB4500 |             |             |
|         | 1 707        | 12,7 | 10           | PHG SPA1707 |              | 4 000 | 12,7         | 10          | PHG SPA4000  |      | 4 560        | 16,3  | 13           | PHG SPB4560 |             |             |
|         | 1 732        | 12,7 | 10           | PHG SPA1732 |              | 4 250 | 12,7         | 10          | PHG SPA4250  |      | 4 620        | 16,3  | 13           | PHG SPB4620 |             |             |
|         | 1 750        | 12,7 | 10           | PHG SPA1750 |              | 4 500 | 12,7         | 10          | PHG SPA4500  |      | 4 750        | 16,3  | 13           | PHG SPB4750 |             |             |
|         | 1 757        | 12,7 | 10           | PHG SPA1757 |              | SPB   | 1 250        | 16,3        | 13           |      | PHG SPB1250  | 4 820 | 16,3         | 13          | PHG SPB4820 |             |
|         | 1 782        | 12,7 | 10           | PHG SPA1782 |              |       | 1 260        | 16,3        | 13           |      | PHG SPB1260  | 5 000 | 16,3         | 13          | PHG SPB5000 |             |
|         | 1 800        | 12,7 | 10           | PHG SPA1800 |              |       | 1 270        | 16,3        | 13           |      | PHG SPB1270  | 5 070 | 16,3         | 13          | PHG SPB5070 |             |
|         | 1 807        | 12,7 | 10           | PHG SPA1807 |              |       | 1 280        | 16,3        | 13           |      | PHG SPB1280  | 5 300 | 16,3         | 13          | PHG SPB5300 |             |
|         | 1 820        | 12,7 | 10           | PHG SPA1820 |              |       | 1 320        | 16,3        | 13           |      | PHG SPB1320  | 5 380 | 16,3         | 13          | PHG SPB5380 |             |
|         | 1 832        | 12,7 | 10           | PHG SPA1832 |              |       | 1 340        | 16,3        | 13           |      | PHG SPB1340  | 5 500 | 16,3         | 13          | PHG SPB5500 |             |
|         | 1 850        | 12,7 | 10           | PHG SPA1850 |              |       | 1 400        | 16,3        | 13           |      | PHG SPB1400  | 5 600 | 16,3         | 13          | PHG SPB5600 |             |
|         | 1 857        | 12,7 | 10           | PHG SPA1857 |              |       | 1 410        | 16,3        | 13           |      | PHG SPB1410  | 5 680 | 16,3         | 13          | PHG SPB5680 |             |
|         | 1 882        | 12,7 | 10           | PHG SPA1882 |              |       | 1 450        | 16,3        | 13           |      | PHG SPB1450  | 6 000 | 16,3         | 13          | PHG SPB6000 |             |
|         | 1 900        | 12,7 | 10           | PHG SPA1900 |              |       | 1 465        | 16,3        | 13           |      | PHG SPB1465  | 6 300 | 16,3         | 13          | PHG SPB6300 |             |
|         | 1 907        | 12,7 | 10           | PHG SPA1907 |              |       | 1 500        | 16,3        | 13           |      | PHG SPB1500  | 6 340 | 16,3         | 13          | PHG SPB6340 |             |
|         | 1 932        | 12,7 | 10           | PHG SPA1932 |              |       | 1 510        | 16,3        | 13           |      | PHG SPB1510  | 6 700 | 16,3         | 13          | PHG SPB6700 |             |
|         | 1 950        | 12,7 | 10           | PHG SPA1950 |              |       | 1 525        | 16,3        | 13           |      | PHG SPB1525  | 7 100 | 16,3         | 13          | PHG SPB7100 |             |
|         | 1 957        | 12,7 | 10           | PHG SPA1957 |              |       | 1 590        | 16,3        | 13           |      | PHG SPB1590  | 7 500 | 16,3         | 13          | PHG SPB7500 |             |
|         | 1 982        | 12,7 | 10           | PHG SPA1982 |              |       | 1 600        | 16,3        | 13           |      | PHG SPB1600  | 8 000 | 16,3         | 13          | PHG SPB8000 |             |
|         | 2 000        | 12,7 | 10           | PHG SPA2000 |              |       | 1 650        | 16,3        | 13           |      | PHG SPB1650  | SPC   | 1 700        | 22,0        | 18          | PHG SPC1700 |
|         | 2 032        | 12,7 | 10           | PHG SPA2032 |              |       | 1 690        | 16,3        | 13           |      | PHG SPB1690  |       | 2 000        | 22,0        | 18          | PHG SPC2000 |
|         | 2 057        | 12,7 | 10           | PHG SPA2057 |              |       | 1 700        | 16,3        | 13           |      | PHG SPB1700  |       | 2 120        | 22,0        | 18          | PHG SPC2120 |
|         | 2 060        | 12,7 | 10           | PHG SPA2060 |              |       | 1 720        | 16,3        | 13           |      | PHG SPB1720  |       | 2 240        | 22,0        | 18          | PHG SPC2240 |
|         | 2 082        | 12,7 | 10           | PHG SPA2082 |              |       | 1 750        | 16,3        | 13           |      | PHG SPB1750  |       | 2 360        | 22,0        | 18          | PHG SPC2360 |
|         | 2 120        | 12,7 | 10           | PHG SPA2120 |              |       | 1 800        | 16,3        | 13           |      | PHG SPB1800  |       | 2 500        | 22,0        | 18          | PHG SPC2500 |
|         | 2 132        | 12,7 | 10           | PHG SPA2132 |              |       | 1 850        | 16,3        | 13           |      | PHG SPB1850  |       | 2 650        | 22,0        | 18          | PHG SPC2650 |
|         | 2 160        | 12,7 | 10           | PHG SPA2160 |              |       | 1 900        | 16,3        | 13           |      | PHG SPB1900  |       | 2 800        | 22,0        | 18          | PHG SPC2800 |
|         | 2 182        | 12,7 | 10           | PHG SPA2182 |              |       | 2 000        | 16,3        | 13           |      | PHG SPB2000  |       | 3 000        | 22,0        | 18          | PHG SPC3000 |
|         | 2 207        | 12,7 | 10           | PHG SPA2207 |              |       | 2 020        | 16,3        | 13           |      | PHG SPB2020  |       | 3 150        | 22,0        | 18          | PHG SPC3150 |
|         | 2 232        | 12,7 | 10           | PHG SPA2232 |              |       | 2 060        | 16,3        | 13           |      | PHG SPB2060  |       | 3 350        | 22,0        | 18          | PHG SPC3350 |
|         | 2 240        | 12,7 | 10           | PHG SPA2240 |              |       | 2 120        | 16,3        | 13           |      | PHG SPB2120  |       | 3 550        | 22,0        | 18          | PHG SPC3550 |
|         | 2 282        | 12,7 | 10           | PHG SPA2282 |              |       | 2 150        | 16,3        | 13           |      | PHG SPB2150  |       | 3 750        | 22,0        | 18          | PHG SPC3750 |
|         | 2 300        | 12,7 | 10           | PHG SPA2300 |              |       | 2 180        | 16,3        | 13           |      | PHG SPB2180  |       | 4 000        | 22,0        | 18          | PHG SPC4000 |
|         | 2 307        | 12,7 | 10           | PHG SPA2307 |              |       | 2 240        | 16,3        | 13           |      | PHG SPB2240  |       | 4 250        | 22,0        | 18          | PHG SPC4250 |
|         | 2 332        | 12,7 | 10           | PHG SPA2332 |              |       | 2 280        | 16,3        | 13           |      | PHG SPB2280  |       | 4 500        | 22,0        | 18          | PHG SPC4500 |
|         | 2 360        | 12,7 | 10           | PHG SPA2360 |              |       | 2 360        | 16,3        | 13           |      | PHG SPB2360  |       | 4 750        | 22,0        | 18          | PHG SPC4750 |
|         | 2 382        | 12,7 | 10           | PHG SPA2382 |              |       | 2 410        | 16,3        | 13           |      | PHG SPB2410  |       | 5 000        | 22,0        | 18          | PHG SPC5000 |
|         | 2 430        | 12,7 | 10           | PHG SPA2430 |              |       | 2 430        | 16,3        | 13           |      | PHG SPB2430  |       | 5 300        | 22,0        | 18          | PHG SPC5300 |
|         | 2 432        | 12,7 | 10           | PHG SPA2432 |              |       | 2 500        | 16,3        | 13           |      | PHG SPB2500  |       | 5 600        | 22,0        | 18          | PHG SPC5600 |
|         | 2 482        | 12,7 | 10           | PHG SPA2482 |              |       | 2 530        | 16,3        | 13           |      | PHG SPB2530  |       | 6 000        | 22,0        | 18          | PHG SPC6000 |
|         | 2 500        | 12,7 | 10           | PHG SPA2500 |              |       | 2 580        | 16,3        | 13           |      | PHG SPB2580  |       | 6 300        | 22,0        | 18          | PHG SPC6300 |
|         | 2 532        | 12,7 | 10           | PHG SPA2532 |              |       | 2 600        | 16,3        | 13           |      | PHG SPB2600  |       | 6 700        | 22,0        | 18          | PHG SPC6700 |
|         | 2 582        | 12,7 | 10           | PHG SPA2582 |              |       | 2 650        | 16,3        | 13           |      | PHG SPB2650  |       | 7 100        | 22,0        | 18          | PHG SPC7100 |
|         | 2 607        | 12,7 | 10           | PHG SPA2607 |              |       | 2 680        | 16,3        | 13           |      | PHG SPB2680  |       | 7 500        | 22,0        | 18          | PHG SPC7500 |
| 2 632   | 12,7         | 10   | PHG SPA2632  | 2 700       | 16,3         |       | 13           | PHG SPB2700 | 8 000        | 22,0 | 18           |       | PHG SPC8000  |             |             |             |
| 2 650   | 12,7         | 10   | PHG SPA2650  | 2 800       | 16,3         |       | 13           | PHG SPB2800 | 8 500        | 22,0 | 18           |       | PHG SPC8500  |             |             |             |
| 2 682   | 12,7         | 10   | PHG SPA2682  | 2 840       | 16,3         |       | 13           | PHG SPB2840 | 9 000        | 22,0 | 18           |       | PHG SPC9000  |             |             |             |
| 2 732   | 12,7         | 10   | PHG SPA2732  | 2 900       | 16,3         |       | 13           | PHG SPB2900 | 9 500        | 22,0 | 18           |       | PHG SPC9500  |             |             |             |
| 2 782   | 12,7         | 10   | PHG SPA2782  | 2 990       | 16,3         |       | 13           | PHG SPB2990 | 10 000       | 22,0 | 18           |       | PHG SPC10000 |             |             |             |
| 2 800   | 12,7         | 10   | PHG SPA2800  | 3 000       | 16,3         | 13    | PHG SPB3000  | 10 600      | 22,0         | 18   | PHG SPC10600 |       |              |             |             |             |
| 2 832   | 12,7         | 10   | PHG SPA2832  | 3 070       | 16,3         | 13    | PHG SPB3070  | 11 200      | 22,0         | 18   | PHG SPC11200 |       |              |             |             |             |
| 2 847   | 12,7         | 10   | PHG SPA2847  | 3 150       | 16,3         | 13    | PHG SPB3150  | 11 800      | 22,0         | 18   | PHG SPC11800 |       |              |             |             |             |
| 2 882   | 12,7         | 10   | PHG SPA2882  | 3 250       | 16,3         | 13    | PHG SPB3250  | 12 500      | 22,0         | 18   | PHG SPC12500 |       |              |             |             |             |
| 2 900   | 12,7         | 10   | PHG SPA2900  | 3 350       | 16,3         | 13    | PHG SPB3350  |             |              |      |              |       |              |             |             |             |
| 2 932   | 12,7         | 10   | PHG SPA2932  | 3 450       | 16,3         | 13    | PHG SPB3450  |             |              |      |              |       |              |             |             |             |
| 2 982   | 12,7         | 10   | PHG SPA2982  | 3 550       | 16,3         | 13    | PHG SPB3550  |             |              |      |              |       |              |             |             |             |
| 3 000   | 12,7         | 10   | PHG SPA3000  | 3 650       | 16,3         | 13    | PHG SPB3650  |             |              |      |              |       |              |             |             |             |
| 3 032   | 12,7         | 10   | PHG SPA3032  | 3 750       | 16,3         | 13    | PHG SPB3750  |             |              |      |              |       |              |             |             |             |
| 3 082   | 12,7         | 10   | PHG SPA3082  | 3 800       | 16,3         | 13    | PHG SPB3800  |             |              |      |              |       |              |             |             |             |
| 3 150   | 12,7         | 10   | PHG SPA3150  | 3 870       | 16,3         | 13    | PHG SPB3870  |             |              |      |              |       |              |             |             |             |
| 3 182   | 12,7         | 10   | PHG SPA3182  | 4 000       | 16,3         | 13    | PHG SPB4000  |             |              |      |              |       |              |             |             |             |
| 3 282   | 12,7         | 10   | PHG SPA3282  | 4 060       | 16,3         | 13    | PHG SPB4060  |             |              |      |              |       |              |             |             |             |
| 3 350   | 12,7         | 10   | PHG SPA3350  | 4 120       | 16,3         | 13    | PHG SPB4120  |             |              |      |              |       |              |             |             |             |
| 3 382   | 12,7         | 10   | PHG SPA3382  | 4 250       | 16,3         | 13    | PHG SPB4250  |             |              |      |              |       |              |             |             |             |

Non-standard lengths are also available.

# SKF Xtra Power Wrapped Wedge Belts

SPZ | SPA | SPB

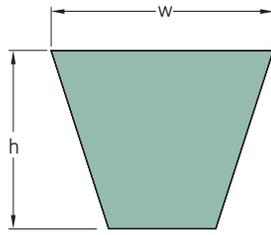


| Section | Dimensions<br>Pitch length |      |               | Designations   | Section | Dimensions<br>Pitch length |               |                | Designations  | Section | Dimensions<br>Pitch length |       |      | Designations  |               |
|---------|----------------------------|------|---------------|----------------|---------|----------------------------|---------------|----------------|---------------|---------|----------------------------|-------|------|---------------|---------------|
|         | w                          | h    |               |                |         | w                          | h             |                |               |         | w                          | h     |      |               |               |
| -       | mm                         |      |               | -              | -       | mm                         |               |                | -             | mm      |                            |       | -    |               |               |
| SPZ     | 1 202                      | 9,7  | 8             | PHG SPZ1202XP  | SPA     | 1 400                      | 12,7          | 10             | PHG SPA1400XP | SPA     | 3 082                      | 12,7  | 10   | PHG SPA3082XP |               |
|         | 1 212                      | 9,7  | 8             | PHG SPZ1212XP  |         | 1 407                      | 12,7          | 10             | PHG SPA1407XP |         | 3 150                      | 12,7  | 10   | PHG SPA3150XP |               |
|         | 1 237                      | 9,7  | 8             | PHG SPZ1237XP  |         | 1 432                      | 12,7          | 10             | PHG SPA1432XP |         | 3 182                      | 12,7  | 10   | PHG SPA3182XP |               |
|         | 1 250                      | 9,7  | 8             | PHG SPZ1250XP  |         | 1 457                      | 12,7          | 10             | PHG SPA1457XP |         | 3 282                      | 12,7  | 10   | PHG SPA3282XP |               |
|         | 1 262                      | 9,7  | 8             | PHG SPZ1262XP  |         | 1 482                      | 12,7          | 10             | PHG SPA1482XP |         | 3 350                      | 12,7  | 10   | PHG SPA3350XP |               |
|         | 1 287                      | 9,7  | 8             | PHG SPZ1287XP  |         | 1 500                      | 12,7          | 10             | PHG SPA1500XP |         | 3 382                      | 12,7  | 10   | PHG SPA3382XP |               |
|         | 1 312                      | 9,7  | 8             | PHG SPZ1312XP  |         | 1 507                      | 12,7          | 10             | PHG SPA1507XP |         | 3 550                      | 12,7  | 10   | PHG SPA3550XP |               |
|         | 1 320                      | 9,7  | 8             | PHG SPZ1320XP  |         | 1 532                      | 12,7          | 10             | PHG SPA1532XP |         | 3 750                      | 12,7  | 10   | PHG SPA3750XP |               |
|         | 1 337                      | 9,7  | 8             | PHG SPZ1337XP  |         | 1 557                      | 12,7          | 10             | PHG SPA1557XP |         | 4 000                      | 12,7  | 10   | PHG SPA4000XP |               |
|         | 1 362                      | 9,7  | 8             | PHG SPZ1362XP  |         | 1 582                      | 12,7          | 10             | PHG SPA1582XP |         | SPB                        | 1 250 | 16,3 | 13            | PHG SPB1250XP |
|         | 1 387                      | 9,7  | 8             | PHG SPZ1387XP  |         | 1 600                      | 12,7          | 10             | PHG SPA1600XP |         |                            | 1 320 | 16,3 | 13            | PHG SPB1320XP |
|         | 1 400                      | 9,7  | 8             | PHG SPZ1400XP  |         | 1 607                      | 12,7          | 10             | PHG SPA1607XP |         |                            | 1 400 | 16,3 | 13            | PHG SPB1400XP |
|         | 1 412                      | 9,7  | 8             | PHG SPZ1412XP  |         | 1 632                      | 12,7          | 10             | PHG SPA1632XP |         |                            | 1 500 | 16,3 | 13            | PHG SPB1500XP |
|         | 1 437                      | 9,7  | 8             | PHG SPZ1437XP  |         | 1 657                      | 12,7          | 10             | PHG SPA1657XP |         |                            | 1 600 | 16,3 | 13            | PHG SPB1600XP |
|         | 1 462                      | 9,7  | 8             | PHG SPZ1462XP  |         | 1 682                      | 12,7          | 10             | PHG SPA1682XP |         |                            | 1 700 | 16,3 | 13            | PHG SPB1700XP |
|         | 1 487                      | 9,7  | 8             | PHG SPZ1487XP  |         | 1 700                      | 12,7          | 10             | PHG SPA1700XP |         |                            | 1 800 | 16,3 | 13            | PHG SPB1800XP |
|         | 1 500                      | 9,7  | 8             | PHG SPZ1500XP  |         | 1 707                      | 12,7          | 10             | PHG SPA1707XP |         |                            | 1 900 | 16,3 | 13            | PHG SPB1900XP |
|         | 1 512                      | 9,7  | 8             | PHG SPZ1512XP  |         | 1 732                      | 12,7          | 10             | PHG SPA1732XP |         |                            | 2 000 | 16,3 | 13            | PHG SPB2000XP |
|         | 1 537                      | 9,7  | 8             | PHG SPZ1537XP  |         | 1 757                      | 12,7          | 10             | PHG SPA1757XP |         |                            | 2 120 | 16,3 | 13            | PHG SPB2120XP |
|         | 1 562                      | 9,7  | 8             | PHG SPZ1562XP  |         | 1 782                      | 12,7          | 10             | PHG SPA1782XP |         |                            | 2 240 | 16,3 | 13            | PHG SPB2240XP |
|         | 1 587                      | 9,7  | 8             | PHG SPZ1587XP  |         | 1 800                      | 12,7          | 10             | PHG SPA1800XP |         |                            | 2 360 | 16,3 | 13            | PHG SPB2360XP |
|         | 1 600                      | 9,7  | 8             | PHG SPZ1600XP  |         | 1 807                      | 12,7          | 10             | PHG SPA1807XP |         | 2 500                      | 16,3  | 13   | PHG SPB2500XP |               |
|         | 1 612                      | 9,7  | 8             | PHG SPZ1612XP  |         | 1 832                      | 12,7          | 10             | PHG SPA1832XP |         | 2 650                      | 16,3  | 13   | PHG SPB2650XP |               |
|         | 1 637                      | 9,7  | 8             | PHG SPZ1637XP  |         | 1 857                      | 12,7          | 10             | PHG SPA1857XP |         | 2 800                      | 16,3  | 13   | PHG SPB2800XP |               |
|         | 1 662                      | 9,7  | 8             | PHG SPZ1662XP  |         | 1 882                      | 12,7          | 10             | PHG SPA1882XP |         | 3 000                      | 16,3  | 13   | PHG SPB3000XP |               |
|         | 1 687                      | 9,7  | 8             | PHG SPZ1687XP  |         | 1 900                      | 12,7          | 10             | PHG SPA1900XP |         | 3 150                      | 16,3  | 13   | PHG SPB3150XP |               |
|         | 1 700                      | 9,7  | 8             | PHG SPZ1700XP  |         | 1 907                      | 12,7          | 10             | PHG SPA1907XP |         | 3 350                      | 16,3  | 13   | PHG SPB3350XP |               |
|         | 1 737                      | 9,7  | 8             | PHG SPZ1737XP  |         | 1 932                      | 12,7          | 10             | PHG SPA1932XP |         | 3 550                      | 16,3  | 13   | PHG SPB3550XP |               |
|         | 1 762                      | 9,7  | 8             | PHG SPZ1762XP  |         | 1 957                      | 12,7          | 10             | PHG SPA1957XP |         | 3 750                      | 16,3  | 13   | PHG SPB3750XP |               |
|         | 1 787                      | 9,7  | 8             | PHG SPZ1787XP  |         | 1 982                      | 12,7          | 10             | PHG SPA1982XP |         | 4 000                      | 16,3  | 13   | PHG SPB4000XP |               |
|         | 1 800                      | 9,7  | 8             | PHG SPZ1800XP  |         | 2 000                      | 12,7          | 10             | PHG SPA2000XP |         | 4 250                      | 16,3  | 13   | PHG SPB4250XP |               |
|         | 1 837                      | 9,7  | 8             | PHG SPZ1837XP  |         | 2 032                      | 12,7          | 10             | PHG SPA2032XP |         | 4 500                      | 16,3  | 13   | PHG SPB4500XP |               |
|         | 1 862                      | 9,7  | 8             | PHG SPZ1862XP  |         | 2 057                      | 12,7          | 10             | PHG SPA2057XP |         | 4 750                      | 16,3  | 13   | PHG SPB4750XP |               |
|         | 1 887                      | 9,7  | 8             | PHG SPZ1887XP  |         | 2 082                      | 12,7          | 10             | PHG SPA2082XP |         | 5 000                      | 16,3  | 13   | PHG SPB5000XP |               |
|         | 1 900                      | 9,7  | 8             | PHG SPZ1900XP  |         | 2 120                      | 12,7          | 10             | PHG SPA2120XP |         | 5 300                      | 16,3  | 13   | PHG SPB5300XP |               |
|         | 1 937                      | 9,7  | 8             | PHG SPZ1937XP  |         | 2 132                      | 12,7          | 10             | PHG SPA2132XP |         | 5 600                      | 16,3  | 13   | PHG SPB5600XP |               |
|         | 1 987                      | 9,7  | 8             | PHG SPZ1987XP  |         | 2 182                      | 12,7          | 10             | PHG SPA2182XP |         | 6 000                      | 16,3  | 13   | PHG SPB6000XP |               |
|         | 2 000                      | 9,7  | 8             | PHG SPZ2000XP  |         | 2 207                      | 12,7          | 10             | PHG SPA2207XP |         | 6 300                      | 16,3  | 13   | PHG SPB6300XP |               |
|         | 2 037                      | 9,7  | 8             | PHG SPZ2037XP  |         | 2 232                      | 12,7          | 10             | PHG SPA2232XP |         | 6 700                      | 16,3  | 13   | PHG SPB6700XP |               |
|         | 2 120                      | 9,7  | 8             | PHG SPZ2120XP  |         | 2 240                      | 12,7          | 10             | PHG SPA2240XP |         | 7 100                      | 16,3  | 13   | PHG SPB7100XP |               |
| 2 137   | 9,7                        | 8    | PHG SPZ2137XP | 2 282          | 12,7    | 10                         | PHG SPA2282XP | 7 500          | 16,3          | 13      | PHG SPB7500XP              |       |      |               |               |
| 2 187   | 9,7                        | 8    | PHG SPZ2187XP | 2 300          | 12,7    | 10                         | PHG SPA2300XP | 8 000          | 16,3          | 13      | PHG SPB8000XP              |       |      |               |               |
| 2 240   | 9,7                        | 8    | PHG SPZ2240XP | 2 307          | 12,7    | 10                         | PHG SPA2307XP |                |               |         |                            |       |      |               |               |
| 2 287   | 9,7                        | 8    | PHG SPZ2287XP | 2 332          | 12,7    | 10                         | PHG SPA2332XP |                |               |         |                            |       |      |               |               |
| 2 360   | 9,7                        | 8    | PHG SPZ2360XP | 2 360          | 12,7    | 10                         | PHG SPA2360XP |                |               |         |                            |       |      |               |               |
| 2 500   | 9,7                        | 8    | PHG SPZ2500XP | 2 382          | 12,7    | 10                         | PHG SPA2382XP |                |               |         |                            |       |      |               |               |
| 2 650   | 9,7                        | 8    | PHG SPZ2650XP | 2 432          | 12,7    | 10                         | PHG SPA2432XP |                |               |         |                            |       |      |               |               |
| 2 800   | 9,7                        | 8    | PHG SPZ2800XP | 2 482          | 12,7    | 10                         | PHG SPA2482XP |                |               |         |                            |       |      |               |               |
| 3 000   | 9,7                        | 8    | PHG SPZ3000XP | 2 500          | 12,7    | 10                         | PHG SPA2500XP |                |               |         |                            |       |      |               |               |
| 3 150   | 9,7                        | 8    | PHG SPZ3150XP | 2 532          | 12,7    | 10                         | PHG SPA2532XP |                |               |         |                            |       |      |               |               |
| 3 350   | 9,7                        | 8    | PHG SPZ3350XP | 2 582          | 12,7    | 10                         | PHG SPA2582XP |                |               |         |                            |       |      |               |               |
| 3 550   | 9,7                        | 8    | PHG SPZ3550XP | 2 607          | 12,7    | 10                         | PHG SPA2607XP |                |               |         |                            |       |      |               |               |
| SPA     | 1 207                      | 12,7 | 10            | PHG SPA1207XP  | 2 632   | 12,7                       | 10            | PHG SPA2632XP  |               |         |                            |       |      |               |               |
|         | 1 232                      | 12,7 | 10            | PHG SPA1232XP  | 2 650   | 12,7                       | 10            | PHG SPA2650XP  |               |         |                            |       |      |               |               |
|         | 1 250                      | 12,7 | 10            | PHG SPA1250XP  | 2 682   | 12,7                       | 10            | PHG SPA2682XP  |               |         |                            |       |      |               |               |
|         | 1 257                      | 12,7 | 10            | PHG SPA1257XP  | 2 732   | 12,7                       | 10            | PHG SPA2732XP  |               |         |                            |       |      |               |               |
|         | 1 282                      | 12,7 | 10            | PHG SPA1282XP  | 2 782   | 12,7                       | 10            | PHG SPA2782XP  |               |         |                            |       |      |               |               |
|         | 1 307                      | 12,7 | 10            | PHG SPA1307XP  | 2 800   | 12,7                       | 10            | PHG SPA2800XP  |               |         |                            |       |      |               |               |
|         | 1 320                      | 12,7 | 10            | PHG SPA1320XP  | 2 832   | 12,7                       | 10            | PHG SPA2832XP  |               |         |                            |       |      |               |               |
|         | 1 332                      | 12,7 | 10            | PHG SPA1332XP  | 2 847   | 12,7                       | 10            | PHG SPA2847XP  |               |         |                            |       |      |               |               |
|         | 1 357                      | 12,7 | 10            | PHG SPA1357XP  | 2 882   | 12,7                       | 10            | PHG SPA2882XP  |               |         |                            |       |      |               |               |
|         | 1 382                      | 12,7 | 10            | PHG SPA1 382XP | 2 932   | 12,7                       | 10            | PHG SPA2932XP  |               |         |                            |       |      |               |               |
|         |                            |      |               |                | 2 982   | 12,7                       | 10            | PHG SPA2982XP  |               |         |                            |       |      |               |               |
|         |                            |      |               |                | 3 000   | 12,7                       | 10            | PHG SPA3000XP  |               |         |                            |       |      |               |               |
|         |                            |      |               |                | 3 032   | 12,7                       | 10            | PHG SPA3 032XP |               |         |                            |       |      |               |               |

Non-standard lengths are also available.

# SKF Xtra Power Wrapped Wedge Belts

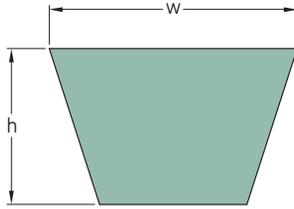
SPC



| Section | Dimensions   |    | Designations   |               |
|---------|--------------|----|----------------|---------------|
|         | Pitch length |    |                |               |
|         | w            | h  |                |               |
| -       | mm           |    | -              |               |
| SPC     | 2 000        | 22 | 18             | PHG SPC2000XP |
|         | 2 120        | 22 | 18             | PHG SPC2120XP |
|         | 2 240        | 22 | 18             | PHG SPC2240XP |
|         | 2 360        | 22 | 18             | PHG SPC2360XP |
|         | 2 500        | 22 | 18             | PHG SPC2500XP |
|         | 2 650        | 22 | 18             | PHG SPC2650XP |
|         | 2 800        | 22 | 18             | PHG SPC2800XP |
|         | 3 000        | 22 | 18             | PHG SPC3000XP |
|         | 3 150        | 22 | 18             | PHG SPC3150XP |
|         | 3 350        | 22 | 18             | PHG SPC3350XP |
|         | 3 550        | 22 | 18             | PHG SPC3550XP |
|         | 3 750        | 22 | 18             | PHG SPC3750XP |
|         | 4 000        | 22 | 18             | PHG SPC4000XP |
|         | 4 250        | 22 | 18             | PHG SPC4250XP |
|         | 4 500        | 22 | 18             | PHG SPC4500XP |
|         | 4 750        | 22 | 18             | PHG SPC4750XP |
|         | 5 000        | 22 | 18             | PHG SPC5000XP |
|         | 5 300        | 22 | 18             | PHG SPC5300XP |
|         | 5 600        | 22 | 18             | PHG SPC5600XP |
|         | 6 000        | 22 | 18             | PHG SPC6000XP |
|         | 6 300        | 22 | 18             | PHG SPC6300XP |
|         | 6 700        | 22 | 18             | PHG SPC6700XP |
|         | 7 100        | 22 | 18             | PHG SPC7100XP |
|         | 7 500        | 22 | 18             | PHG SPC7500XP |
|         | 8 000        | 22 | 18             | PHG SPC8000XP |
|         | 8 500        | 22 | 18             | PHG SPC8500XP |
| 9 000   | 22           | 18 | PHG SPC9000XP  |               |
| 9 500   | 22           | 18 | PHG SPC9500XP  |               |
| 10 000  | 22           | 18 | PHG SPC10000XP |               |

# SKF Wrapped Classical Belts

10/Z | 13/A



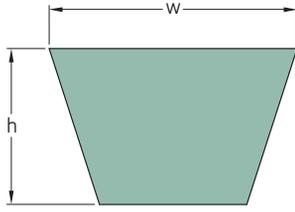
1

| Section | Dimensions   |               | Designations | Section | Dimensions   |               | Designations |       |       |       |            |   |            |
|---------|--------------|---------------|--------------|---------|--------------|---------------|--------------|-------|-------|-------|------------|---|------------|
|         | Pitch length | Inside length |              |         | Pitch length | Inside length |              |       |       |       |            |   |            |
|         |              |               | w            |         |              |               | w            | h     |       |       |            |   |            |
|         | mm           | in.           | mm           |         | mm           | in.           | mm           |       |       |       |            |   |            |
| 10/Z    | 390          | 368           | 14,5         | 10      | 6            | PHG Z14.5     | 10/Z         | 1 075 | 1 054 | 41,5  | 10         | 6 | PHG Z41.5  |
|         | 395          | 381           | 15           | 10      | 6            | PHG Z15       |              | 1 080 | 1 067 | 42    | 10         | 6 | PHG Z42    |
|         | 405          | 387           | 15,25        | 10      | 6            | PHG Z15.25    |              | 1 105 | 1 092 | 43    | 10         | 6 | PHG Z43    |
|         | 410          | 394           | 15,5         | 10      | 6            | PHG Z15.5     |              | 1 125 | 1 105 | 43,5  | 10         | 6 | PHG Z43.5  |
|         | 420          | 406           | 16           | 10      | 6            | PHG Z16       |              | 1 130 | 1 118 | 44    | 10         | 6 | PHG Z44    |
|         | 440          | 419           | 16,5         | 10      | 6            | PHG Z16.5     |              | 1 155 | 1 143 | 45    | 10         | 6 | PHG Z45    |
|         | 445          | 432           | 17           | 10      | 6            | PHG Z17       |              | 1 170 | 1 149 | 45,25 | 10         | 6 | PHG Z45.25 |
|         | 465          | 445           | 17,5         | 10      | 6            | PHG Z17.5     |              | 1 175 | 1 156 | 45,5  | 10         | 6 | PHG Z45.5  |
|         | 470          | 457           | 18           | 10      | 6            | PHG Z18       |              | 1 190 | 1 168 | 46    | 10         | 6 | PHG Z46    |
|         | 480          | 470           | 18,5         | 10      | 6            | PHG Z18.5     |              | 1 200 | 1 181 | 46,5  | 10         | 6 | PHG Z46.5  |
|         | 495          | 483           | 19           | 10      | 6            | PHG Z19       |              | 1 205 | 1 194 | 47    | 10         | 6 | PHG Z47    |
|         | 510          | 495           | 19,5         | 10      | 6            | PHG Z19.5     |              | 1 230 | 1 207 | 47,5  | 10         | 6 | PHG Z47.5  |
|         | 520          | 508           | 20           | 10      | 6            | PHG Z20       |              | 1 240 | 1 219 | 48    | 10         | 6 | PHG Z48    |
|         | 530          | 521           | 20,5         | 10      | 6            | PHG Z20.5     |              | 1 255 | 1 232 | 48,5  | 10         | 6 | PHG Z48.5  |
|         | 545          | 533           | 21           | 10      | 6            | PHG Z21       |              | 1 270 | 1 245 | 49    | 10         | 6 | PHG Z49    |
|         | 555          | 540           | 21,25        | 10      | 6            | PHG Z21.25    |              | 1 290 | 1 270 | 50    | 10         | 6 | PHG Z50    |
|         | 570          | 559           | 22           | 10      | 6            | PHG Z22       |              | 1 330 | 1 295 | 51    | 10         | 6 | PHG Z51    |
|         | 585          | 565           | 22,25        | 10      | 6            | PHG Z22.25    |              | 1 335 | 1 314 | 51,75 | 10         | 6 | PHG Z51.75 |
|         | 590          | 572           | 22,5         | 10      | 6            | PHG Z22.5     |              | 1 340 | 1 321 | 52    | 10         | 6 | PHG Z52    |
|         | 600          | 584           | 23           | 10      | 6            | PHG Z23       |              | 1 380 | 1 346 | 53    | 10         | 6 | PHG Z53    |
|         | 610          | 597           | 23,5         | 10      | 6            | PHG Z23.5     |              | 1 390 | 1 372 | 54    | 10         | 6 | PHG Z54    |
|         | 620          | 610           | 24           | 10      | 6            | PHG Z24       |              | 1 420 | 1 397 | 55    | 10         | 6 | PHG Z55    |
|         | 630          | 622           | 24,5         | 10      | 6            | PHG Z24.5     |              | 1 440 | 1 422 | 56    | 10         | 6 | PHG Z56    |
|         | 650          | 635           | 25           | 10      | 6            | PHG Z25       |              | 1 465 | 1 448 | 57    | 10         | 6 | PHG Z57    |
|         | 660          | 648           | 25,5         | 10      | 6            | PHG Z25.5     |              | 1 515 | 1 499 | 59    | 10         | 6 | PHG Z59    |
|         | 675          | 654           | 25,75        | 10      | 6            | PHG Z25.75    |              | 1 540 | 1 524 | 60    | 10         | 6 | PHG Z60    |
|         | 680          | 660           | 26           | 10      | 6            | PHG Z26       |              | 1 570 | 1 549 | 61    | 10         | 6 | PHG Z61    |
|         | 685          | 667           | 26,25        | 10      | 6            | PHG Z26.25    |              | 1 595 | 1 575 | 62    | 10         | 6 | PHG Z62    |
|         | 690          | 673           | 26,5         | 10      | 6            | PHG Z26.5     |              | 1 620 | 1 600 | 63    | 10         | 6 | PHG Z63    |
|         | 700          | 686           | 27           | 10      | 6            | PHG Z27       |              | 1 645 | 1 626 | 64    | 10         | 6 | PHG Z64    |
|         | 710          | 692           | 27,25        | 10      | 6            | PHG Z27.25    |              | 1 670 | 1 651 | 65    | 10         | 6 | PHG Z65    |
|         | 715          | 699           | 27,5         | 10      | 6            | PHG Z27.5     |              | 1 695 | 1 676 | 66    | 10         | 6 | PHG Z66    |
|         | 725          | 711           | 28           | 10      | 6            | PHG Z28       |              | 1 720 | 1 702 | 67    | 10         | 6 | PHG Z67    |
|         | 740          | 724           | 28,5         | 10      | 6            | PHG Z28.5     |              | 1 750 | 1 727 | 68    | 10         | 6 | PHG Z68    |
|         | 750          | 737           | 29           | 10      | 6            | PHG Z29       |              | 1 770 | 1 753 | 69    | 10         | 6 | PHG Z69    |
|         | 770          | 749           | 29,5         | 10      | 6            | PHG Z29.5     |              | 1 820 | 1 803 | 71    | 10         | 6 | PHG Z71    |
|         | 775          | 756           | 29,75        | 10      | 6            | PHG Z29.75    |              | 1 930 | 1 905 | 75    | 10         | 6 | PHG Z75    |
|         | 780          | 762           | 30           | 10      | 6            | PHG Z30       |              | 2 000 | 1 981 | 78    | 10         | 6 | PHG Z78    |
|         | 795          | 775           | 30,5         | 10      | 6            | PHG Z30.5     |              | 2 025 | 2 007 | 79    | 10         | 6 | PHG Z79    |
|         | 800          | 787           | 31           | 10      | 6            | PHG Z31       |              |       |       |       |            |   |            |
| 820     | 800          | 31,5          | 10           | 6       | PHG Z31.5    | 436           | 406          | 16    | 13    | 8     | PHG A16    |   |            |
| 840     | 813          | 32            | 10           | 6       | PHG Z32      | 487           | 457          | 18    | 13    | 8     | PHG A18    |   |            |
| 845     | 826          | 32,5          | 10           | 6       | PHG Z32.5    | 510           | 483          | 19    | 13    | 8     | PHG A19    |   |            |
| 850     | 838          | 33            | 10           | 6       | PHG Z33      | 540           | 508          | 20    | 13    | 8     | PHG A20    |   |            |
| 860     | 851          | 33,5          | 10           | 6       | PHG Z33.5    | 570           | 533          | 21    | 13    | 8     | PHG A21    |   |            |
| 875     | 864          | 34            | 10           | 6       | PHG Z34      | 590           | 559          | 22,00 | 13    | 8     | PHG A22    |   |            |
| 890     | 876          | 34,5          | 10           | 6       | PHG Z34.5    | 620           | 584          | 23,00 | 13    | 8     | PHG A23    |   |            |
| 900     | 889          | 35            | 10           | 6       | PHG Z35      | 630           | 597          | 23,50 | 13    | 8     | PHG A23.5  |   |            |
| 915     | 895          | 35,25         | 10           | 6       | PHG Z35.25   | 640           | 610          | 24,00 | 13    | 8     | PHG A24    |   |            |
| 920     | 902          | 35,5          | 10           | 6       | PHG Z35.5    | 670           | 635          | 25,00 | 13    | 8     | PHG A25    |   |            |
| 925     | 908          | 35,75         | 10           | 6       | PHG Z35.75   | 700           | 660          | 26,00 | 13    | 8     | PHG A26    |   |            |
| 930     | 914          | 36            | 10           | 6       | PHG Z36      | 710           | 673          | 26,50 | 13    | 8     | PHG A26.5  |   |            |
| 940     | 927          | 36,5          | 10           | 6       | PHG Z36.5    | 720           | 686          | 27,00 | 13    | 8     | PHG A27    |   |            |
| 950     | 940          | 37            | 10           | 6       | PHG Z37      | 730           | 699          | 27,50 | 13    | 8     | PHG A27.5  |   |            |
| 965     | 953          | 37,5          | 10           | 6       | PHG Z37.5    | 740           | 711          | 28,00 | 13    | 8     | PHG A28    |   |            |
| 975     | 959          | 37,75         | 10           | 6       | PHG Z37.75   | 770           | 737          | 29,00 | 13    | 8     | PHG A29    |   |            |
| 980     | 965          | 38            | 10           | 6       | PHG Z38      | 780           | 749          | 29,50 | 13    | 8     | PHG A29.5  |   |            |
| 990     | 978          | 38,5          | 10           | 6       | PHG Z38.5    | 790           | 762          | 30,00 | 13    | 8     | PHG A30    |   |            |
| 1 005   | 984          | 38,75         | 10           | 6       | PHG Z38.75   | 800           | 775          | 30,50 | 13    | 8     | PHG A30.5  |   |            |
| 1 015   | 991          | 39            | 10           | 6       | PHG Z39      | 810           | 781          | 30,75 | 13    | 8     | PHG A30.75 |   |            |
| 1 025   | 1 003        | 39,5          | 10           | 6       | PHG Z39.5    | 817           | 787          | 31,00 | 13    | 8     | PHG A31    |   |            |
| 1 035   | 1 016        | 40            | 10           | 6       | PHG Z40      | 830           | 800          | 31,50 | 13    | 8     | PHG A31.5  |   |            |
| 1 045   | 1 029        | 40,5          | 10           | 6       | PHG Z40.5    | 850           | 813          | 32,00 | 13    | 8     | PHG A32    |   |            |
| 1 050   | 1 035        | 40,75         | 10           | 6       | PHG Z40.75   | 860           | 826          | 32,50 | 13    | 8     | PHG A32.5  |   |            |
| 1 055   | 1 041        | 41            | 10           | 6       | PHG Z41      | 870           | 838          | 33,00 | 13    | 8     | PHG A33    |   |            |

Non-standard lengths are also available.

# SKF Wrapped Classical Belts

13/A | 17/B

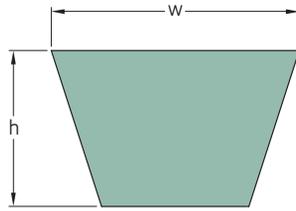


| Section | Dimensions   |               | Designations | Section | Dimensions   |               | Designations |        |       |        |            |           |           |
|---------|--------------|---------------|--------------|---------|--------------|---------------|--------------|--------|-------|--------|------------|-----------|-----------|
|         | Pitch length | Inside length |              |         | Pitch length | Inside length |              |        |       |        |            |           |           |
|         |              |               | w            |         |              |               | w            | h      |       |        |            |           |           |
|         | mm           | in.           | mm           |         | mm           | in.           | mm           |        |       |        |            |           |           |
| 13/A    | 880          | 851           | 33,50        | 13      | 8            | PHG A33.5     | 13/A         | 2 150  | 2 121 | 83,50  | 13         | 8         | PHG A83.5 |
|         | 890          | 864           | 34,00        | 13      | 8            | PHG A34       |              | 2 170  | 2 134 | 84,00  | 13         | 8         | PHG A84   |
|         | 900          | 876           | 34,50        | 13      | 8            | PHG A34.5     |              | 2 185  | 2 146 | 84,50  | 13         | 8         | PHG A84.5 |
|         | 920          | 889           | 35,00        | 13      | 8            | PHG A35       |              | 2 200  | 2 159 | 85,00  | 13         | 8         | PHG A85   |
|         | 930          | 902           | 35,50        | 13      | 8            | PHG A35.5     |              | 2 220  | 2 184 | 86,00  | 13         | 8         | PHG A86   |
|         | 950          | 914           | 36,00        | 13      | 8            | PHG A36       |              | 2 230  | 2 197 | 86,50  | 13         | 8         | PHG A86.5 |
|         | 955          | 921           | 36,25        | 13      | 8            | PHG A36.25    |              | 2 240  | 2 210 | 87,00  | 13         | 8         | PHG A87   |
|         | 970          | 940           | 37,00        | 13      | 8            | PHG A37       |              | 2 270  | 2 235 | 88,00  | 13         | 8         | PHG A88   |
|         | 980          | 953           | 37,50        | 13      | 8            | PHG A37.5     |              | 2 300  | 2 261 | 89,00  | 13         | 8         | PHG A89   |
|         | 990          | 965           | 38,00        | 13      | 8            | PHG A38       |              | 2 320  | 2 286 | 90,00  | 13         | 8         | PHG A90   |
|         | 1 010        | 978           | 38,50        | 13      | 8            | PHG A38.5     |              | 2 350  | 2 311 | 91,00  | 13         | 8         | PHG A91   |
|         | 1 020        | 991           | 39,00        | 13      | 8            | PHG A39       |              | 2 370  | 2 337 | 92,00  | 13         | 8         | PHG A92   |
|         | 1 050        | 1 016         | 40,00        | 13      | 8            | PHG A40       |              | 2 400  | 2 362 | 93,00  | 13         | 8         | PHG A93   |
|         | 1 060        | 1 029         | 40,50        | 13      | 8            | PHG A40.5     |              | 2 420  | 2 388 | 94,00  | 13         | 8         | PHG A94   |
|         | 1 070        | 1 041         | 41,00        | 13      | 8            | PHG A41       |              | 2 450  | 2 413 | 95,00  | 13         | 8         | PHG A95   |
|         | 1 085        | 1 054         | 41,50        | 13      | 8            | PHG A41.5     |              | 2 480  | 2 438 | 96,00  | 13         | 8         | PHG A96   |
|         | 1 100        | 1 067         | 42,00        | 13      | 8            | PHG A42       |              | 2 500  | 2 464 | 97,00  | 13         | 8         | PHG A97   |
|         | 1 110        | 1 080         | 42,50        | 13      | 8            | PHG A42.5     |              | 2 520  | 2 489 | 98,00  | 13         | 8         | PHG A98   |
|         | 1 130        | 1 092         | 43,00        | 13      | 8            | PHG A43       |              | 2 550  | 2 515 | 99,00  | 13         | 8         | PHG A99   |
|         | 1 150        | 1 118         | 44,00        | 13      | 8            | PHG A44       |              | 2 570  | 2 540 | 100,00 | 13         | 8         | PHG A100  |
|         | 1 180        | 1 143         | 45,00        | 13      | 8            | PHG A45       |              | 2 630  | 2 591 | 102,00 | 13         | 8         | PHG A102  |
|         | 1 185        | 1 149         | 45,25        | 13      | 8            | PHG A45.25    |              | 2 680  | 2 642 | 104,00 | 13         | 8         | PHG A104  |
|         | 1 200        | 1 168         | 46,00        | 13      | 8            | PHG A46       |              | 2 700  | 2 667 | 105,00 | 13         | 8         | PHG A105  |
|         | 1 215        | 1 181         | 46,50        | 13      | 8            | PHG A46.5     |              | 2 750  | 2 718 | 107,00 | 13         | 8         | PHG A107  |
|         | 1 230        | 1 194         | 47,00        | 13      | 8            | PHG A47       |              | 2 780  | 2 743 | 108,00 | 13         | 8         | PHG A108  |
|         | 1 240        | 1 207         | 47,50        | 13      | 8            | PHG A47.5     |              | 2 830  | 2 794 | 110,00 | 13         | 8         | PHG A110  |
|         | 1 250        | 1 219         | 48,00        | 13      | 8            | PHG A48       |              | 2 880  | 2 845 | 112,00 | 13         | 8         | PHG A112  |
|         | 1 265        | 1 232         | 48,50        | 13      | 8            | PHG A48.5     |              | 2 930  | 2 896 | 114,00 | 13         | 8         | PHG A114  |
|         | 1 280        | 1 245         | 49,00        | 13      | 8            | PHG A49       |              | 2 980  | 2 946 | 116,00 | 13         | 8         | PHG A116  |
|         | 1 300        | 1 270         | 50,00        | 13      | 8            | PHG A50       |              | 3 030  | 2 997 | 118,00 | 13         | 8         | PHG A118  |
|         | 1 315        | 1 283         | 50,50        | 13      | 8            | PHG A50.5     |              | 3 080  | 3 048 | 120,00 | 13         | 8         | PHG A120  |
|         | 1 330        | 1 295         | 51,00        | 13      | 8            | PHG A51       |              | 3 190  | 3 150 | 124,00 | 13         | 8         | PHG A124  |
|         | 1 360        | 1 321         | 52,00        | 13      | 8            | PHG A52       |              | 3 290  | 3 251 | 128,00 | 13         | 8         | PHG A128  |
|         | 1 380        | 1 346         | 53,00        | 13      | 8            | PHG A53       |              | 3 340  | 3 302 | 130,00 | 13         | 8         | PHG A130  |
|         | 1 410        | 1 372         | 54,00        | 13      | 8            | PHG A54       |              | 3 390  | 3 353 | 132,00 | 13         | 8         | PHG A132  |
|         | 1 430        | 1 397         | 55,00        | 13      | 8            | PHG A55       |              | 3 490  | 3 454 | 136,00 | 13         | 8         | PHG A136  |
|         | 1 460        | 1 422         | 56,00        | 13      | 8            | PHG A56       |              | 3 590  | 3 556 | 140,00 | 13         | 8         | PHG A140  |
|         | 1 480        | 1 448         | 57,00        | 13      | 8            | PHG A57       |              | 3 690  | 3 658 | 144,00 | 13         | 8         | PHG A144  |
|         | 1 510        | 1 473         | 58,00        | 13      | 8            | PHG A58       |              | 3 800  | 3 759 | 148,00 | 13         | 8         | PHG A148  |
|         | 1 530        | 1 499         | 59,00        | 13      | 8            | PHG A59       |              | 3 840  | 3 810 | 150,00 | 13         | 8         | PHG A150  |
| 1 550   | 1 524        | 60,00         | 13           | 8       | PHG A60      | 4 043         | 4 013        | 158,00 | 13    | 8      | PHG A158   |           |           |
| 1 580   | 1 549        | 61,00         | 13           | 8       | PHG A61      | 4 424         | 4 394        | 173,00 | 13    | 8      | PHG A173   |           |           |
| 1 610   | 1 575        | 62,00         | 13           | 8       | PHG A62      | 4 780         | 4 750        | 187,00 | 13    | 8      | PHG A187   |           |           |
| 1 640   | 1 600        | 63,00         | 13           | 8       | PHG A63      |               |              |        |       |        |            |           |           |
| 1 660   | 1 626        | 64,00         | 13           | 8       | PHG A64      |               |              |        |       |        |            |           |           |
| 1 690   | 1 651        | 65,00         | 13           | 8       | PHG A65      | 17/B          | 624          | 584    | 23,00 | 17     | 11         | PHG B23   |           |
| 1 710   | 1 676        | 66,00         | 13           | 8       | PHG A66      |               | 650          | 610    | 24,00 | 17     | 11         | PHG B24   |           |
| 1 740   | 1 702        | 67,00         | 13           | 8       | PHG A67      |               | 675          | 635    | 25,00 | 17     | 11         | PHG B25   |           |
| 1 750   | 1 715        | 67,50         | 13           | 8       | PHG A67.5    |               | 700          | 660    | 26,00 | 17     | 11         | PHG B26   |           |
| 1 760   | 1 727        | 68,00         | 13           | 8       | PHG A68      |               | 715          | 673    | 26,50 | 17     | 11         | PHG B26.5 |           |
| 1 790   | 1 753        | 69,00         | 13           | 8       | PHG A69      |               | 730          | 686    | 27,00 | 17     | 11         | PHG B27   |           |
| 1 810   | 1 778        | 70,00         | 13           | 8       | PHG A70      |               | 750          | 711    | 28,00 | 17     | 11         | PHG B28   |           |
| 1 840   | 1 803        | 71,00         | 13           | 8       | PHG A71      |               | 760          | 724    | 28,50 | 17     | 11         | PHG B28.5 |           |
| 1 860   | 1 829        | 72,00         | 13           | 8       | PHG A72      |               | 770          | 737    | 29,00 | 17     | 11         | PHG B29   |           |
| 1 890   | 1 854        | 73,00         | 13           | 8       | PHG A73      |               | 785          | 749    | 29,50 | 17     | 11         | PHG B29.5 |           |
| 1 920   | 1 880        | 74,00         | 13           | 8       | PHG A74      | 800           | 762          | 30,00  | 17    | 11     | PHG B30    |           |           |
| 1 940   | 1 905        | 75,00         | 13           | 8       | PHG A75      | 830           | 787          | 31,00  | 17    | 11     | PHG B31    |           |           |
| 1 960   | 1 930        | 76,00         | 13           | 8       | PHG A76      | 845           | 800          | 31,50  | 17    | 11     | PHG B31.5  |           |           |
| 1 990   | 1 956        | 77,00         | 13           | 8       | PHG A77      | 860           | 813          | 32,00  | 17    | 11     | PHG B32    |           |           |
| 2 020   | 1 981        | 78,00         | 13           | 8       | PHG A78      | 863           | 819          | 32,25  | 17    | 11     | PHG B32.25 |           |           |
| 2 050   | 2 007        | 79,00         | 13           | 8       | PHG A79      | 866           | 826          | 32,50  | 17    | 11     | PHG B32.5  |           |           |
| 2 070   | 2 032        | 80,00         | 13           | 8       | PHG A80      | 880           | 838          | 33,00  | 17    | 11     | PHG B33    |           |           |
| 2 090   | 2 057        | 81,00         | 13           | 8       | PHG A81      | 895           | 851          | 33,50  | 17    | 11     | PHG B33.5  |           |           |
| 2 120   | 2 083        | 82,00         | 13           | 8       | PHG A82      | 900           | 857          | 33,75  | 17    | 11     | PHG B33.75 |           |           |
| 2 140   | 2 108        | 83,00         | 13           | 8       | PHG A83      | 910           | 864          | 34,00  | 17    | 11     | PHG B34    |           |           |

Non-standard lengths are also available.

# SKF Wrapped Classical Belts

17/B

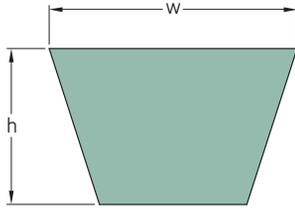


| Section | Dimensions   |       | Inside length | Designations |           | Section    | Dimensions   |        | Inside length | Designations |            |    |           |
|---------|--------------|-------|---------------|--------------|-----------|------------|--------------|--------|---------------|--------------|------------|----|-----------|
|         | Pitch length |       |               | w            | h         |            | Pitch length |        |               | w            | h          |    |           |
| -       | mm           | in.   | mm            | mm           | -         | mm         | in.          | mm     | mm            | -            |            |    |           |
| 17/B    | 920          | 876   | 34,50         | 17           | 11        | PHG B34.5  | 17/B         | 1970   | 1930          | 76,00        | 17         | 11 | PHG B76   |
|         | 930          | 889   | 35,00         | 17           | 11        | PHG B35    |              | 2000   | 1956          | 77,00        | 17         | 11 | PHG B77   |
|         | 945          | 902   | 35,50         | 17           | 11        | PHG B35.5  |              | 2020   | 1981          | 78,00        | 17         | 11 | PHG B78   |
|         | 950          | 908   | 35,75         | 17           | 11        | PHG B35.75 |              | 2050   | 2007          | 79,00        | 17         | 11 | PHG B79   |
|         | 960          | 914   | 36,00         | 17           | 11        | PHG B36    |              | 2070   | 2032          | 80,00        | 17         | 11 | PHG B80   |
|         | 965          | 921   | 36,25         | 17           | 11        | PHG B36.25 |              | 2100   | 2057          | 81,00        | 17         | 11 | PHG B81   |
|         | 970          | 927   | 36,50         | 17           | 11        | PHG B36.5  |              | 2130   | 2083          | 82,00        | 17         | 11 | PHG B82   |
|         | 980          | 940   | 37,00         | 17           | 11        | PHG B37    |              | 2150   | 2108          | 83,00        | 17         | 11 | PHG B83   |
|         | 990          | 953   | 37,50         | 17           | 11        | PHG B37.5  |              | 2165   | 2121          | 83,50        | 17         | 11 | PHG B83.5 |
|         | 1000         | 965   | 38,00         | 17           | 11        | PHG B38    |              | 2180   | 2134          | 84,00        | 17         | 11 | PHG B84   |
|         | 1020         | 978   | 38,50         | 17           | 11        | PHG B38.5  |              | 2200   | 2159          | 85,00        | 17         | 11 | PHG B85   |
|         | 1030         | 991   | 39,00         | 17           | 11        | PHG B39    |              | 2230   | 2184          | 86,00        | 17         | 11 | PHG B86   |
|         | 1045         | 1003  | 39,50         | 17           | 11        | PHG B39.5  |              | 2250   | 2210          | 87,00        | 17         | 11 | PHG B87   |
|         | 1060         | 1016  | 40,00         | 17           | 11        | PHG B40    |              | 2280   | 2235          | 88,00        | 17         | 11 | PHG B88   |
|         | 1070         | 1029  | 40,50         | 17           | 11        | PHG B40.5  |              | 2300   | 2261          | 89,00        | 17         | 11 | PHG B89   |
|         | 1080         | 1041  | 41,00         | 17           | 11        | PHG B41    |              | 2330   | 2286          | 90,00        | 17         | 11 | PHG B90   |
|         | 1090         | 1054  | 41,50         | 17           | 11        | PHG B41.5  |              | 2350   | 2311          | 91,00        | 17         | 11 | PHG B91   |
|         | 1100         | 1067  | 42,00         | 17           | 11        | PHG B42    |              | 2380   | 2337          | 92,00        | 17         | 11 | PHG B92   |
|         | 1115         | 1080  | 42,50         | 17           | 11        | PHG B42.5  |              | 2400   | 2362          | 93,00        | 17         | 11 | PHG B93   |
|         | 1130         | 1092  | 43,00         | 17           | 11        | PHG B43    |              | 2420   | 2388          | 94,00        | 17         | 11 | PHG B94   |
|         | 1140         | 1099  | 43,25         | 17           | 11        | PHG B43.25 |              | 2435   | 2400          | 94,50        | 17         | 11 | PHG B94.5 |
|         | 1160         | 1118  | 44,00         | 17           | 11        | PHG B44    |              | 2450   | 2413          | 95,00        | 17         | 11 | PHG B95   |
|         | 1180         | 1143  | 45,00         | 17           | 11        | PHG B45    |              | 2480   | 2438          | 96,00        | 17         | 11 | PHG B96   |
|         | 1195         | 1156  | 45,50         | 17           | 11        | PHG B45.5  |              | 2490   | 2451          | 96,50        | 17         | 11 | PHG B96.5 |
|         | 1210         | 1168  | 46,00         | 17           | 11        | PHG B46    |              | 2500   | 2464          | 97,00        | 17         | 11 | PHG B97   |
|         | 1225         | 1181  | 46,50         | 17           | 11        | PHG B46.5  |              | 2530   | 2489          | 98,00        | 17         | 11 | PHG B98   |
|         | 1240         | 1194  | 47,00         | 17           | 11        | PHG B47    |              | 2560   | 2515          | 99,00        | 17         | 11 | PHG B99   |
|         | 1260         | 1219  | 48,00         | 17           | 11        | PHG B48    |              | 2580   | 2540          | 100,00       | 17         | 11 | PHG B100  |
|         | 1290         | 1245  | 49,00         | 17           | 11        | PHG B49    |              | 2610   | 2565          | 101,00       | 17         | 11 | PHG B101  |
|         | 1310         | 1270  | 50,00         | 17           | 11        | PHG B50    |              | 2630   | 2591          | 102,00       | 17         | 11 | PHG B102  |
|         | 1340         | 1295  | 51,00         | 17           | 11        | PHG B51    |              | 2660   | 2616          | 103,00       | 17         | 11 | PHG B103  |
|         | 1370         | 1321  | 52,00         | 17           | 11        | PHG B52    |              | 2680   | 2642          | 104,00       | 17         | 11 | PHG B104  |
|         | 1380         | 1334  | 52,50         | 17           | 11        | PHG B52.5  |              | 2700   | 2667          | 105,00       | 17         | 11 | PHG B105  |
|         | 1390         | 1346  | 53,00         | 17           | 11        | PHG B53    |              | 2740   | 2692          | 106,00       | 17         | 11 | PHG B106  |
|         | 1400         | 1359  | 53,50         | 17           | 11        | PHG B53.5  |              | 2760   | 2718          | 107,00       | 17         | 11 | PHG B107  |
| 1410    | 1372         | 54,00 | 17            | 11           | PHG B54   | 2790       | 2743         | 108,00 | 17            | 11           | PHG B108   |    |           |
| 1440    | 1397         | 55,00 | 17            | 11           | PHG B55   | 2840       | 2794         | 110,00 | 17            | 11           | PHG B110   |    |           |
| 1460    | 1422         | 56,00 | 17            | 11           | PHG B56   | 2872       | 2832         | 111,50 | 17            | 11           | PHG B111.5 |    |           |
| 1490    | 1448         | 57,00 | 17            | 11           | PHG B57   | 2890       | 2845         | 112,00 | 17            | 11           | PHG B112   |    |           |
| 1510    | 1473         | 58,00 | 17            | 11           | PHG B58   | 2940       | 2896         | 114,00 | 17            | 11           | PHG B114   |    |           |
| 1540    | 1499         | 59,00 | 17            | 11           | PHG B59   | 2960       | 2921         | 115,00 | 17            | 11           | PHG B115   |    |           |
| 1560    | 1524         | 60,00 | 17            | 11           | PHG B60   | 2990       | 2946         | 116,00 | 17            | 11           | PHG B116   |    |           |
| 1590    | 1549         | 61,00 | 17            | 11           | PHG B61   | 3040       | 2997         | 118,00 | 17            | 11           | PHG B118   |    |           |
| 1620    | 1575         | 62,00 | 17            | 11           | PHG B62   | 3090       | 3048         | 120,00 | 17            | 11           | PHG B120   |    |           |
| 1640    | 1600         | 63,00 | 17            | 11           | PHG B63   | 3140       | 3099         | 122,00 | 17            | 11           | PHG B122   |    |           |
| 1655    | 1613         | 63,50 | 17            | 11           | PHG B63.5 | 3200       | 3150         | 124,00 | 17            | 11           | PHG B124   |    |           |
| 1670    | 1626         | 64,00 | 17            | 11           | PHG B64   | 3240       | 3200         | 126,00 | 17            | 11           | PHG B126   |    |           |
| 1690    | 1651         | 65,00 | 17            | 11           | PHG B65   | 3290       | 3251         | 128,00 | 17            | 11           | PHG B128   |    |           |
| 1720    | 1676         | 66,00 | 17            | 11           | PHG B66   | 3350       | 3302         | 130,00 | 17            | 11           | PHG B130   |    |           |
| 1740    | 1702         | 67,00 | 17            | 11           | PHG B67   | 3400       | 3353         | 132,00 | 17            | 11           | PHG B132   |    |           |
| 1760    | 1727         | 68,00 | 17            | 11           | PHG B68   | 3450       | 3404         | 134,00 | 17            | 11           | PHG B134   |    |           |
| 1800    | 1753         | 69,00 | 17            | 11           | PHG B69   | 3500       | 3454         | 136,00 | 17            | 11           | PHG B136   |    |           |
| 1810    | 1765         | 69,50 | 17            | 11           | PHG B69.5 | 3550       | 3505         | 138,00 | 17            | 11           | PHG B138   |    |           |
| 1820    | 1778         | 70,00 | 17            | 11           | PHG B70   | 3600       | 3556         | 140,00 | 17            | 11           | PHG B140   |    |           |
| 1850    | 1803         | 71,00 | 17            | 11           | PHG B71   | 3650       | 3607         | 142,00 | 17            | 11           | PHG B142   |    |           |
| 1870    | 1829         | 72,00 | 17            | 11           | PHG B72   | 3700       | 3658         | 144,00 | 17            | 11           | PHG B144   |    |           |
| 1900    | 1854         | 73,00 | 17            | 11           | PHG B73   | 3750       | 3708         | 146,00 | 17            | 11           | PHG B146   |    |           |
| 1920    | 1880         | 74,00 | 17            | 11           | PHG B74   | 3800       | 3759         | 148,00 | 17            | 11           | PHG B148   |    |           |
| 1950    | 1905         | 75,00 | 17            | 11           | PHG B75   | 3850       | 3810         | 150,00 | 17            | 11           | PHG B150   |    |           |
|         |              |       |               |              |           | 3870       | 3835         | 151,00 | 17            | 11           | PHG B151   |    |           |
|         |              |       |               |              |           | 3900       | 3861         | 152,00 | 17            | 11           | PHG B152   |    |           |
|         |              |       |               |              |           | 3950       | 3912         | 154,00 | 17            | 11           | PHG B154   |    |           |
|         |              |       |               |              |           | 4010       | 3962         | 156,00 | 17            | 11           | PHG B156   |    |           |
|         |              |       |               |              |           | 4060       | 4013         | 158,00 | 17            | 11           | PHG B158   |    |           |
|         |              |       |               |              |           | 4110       | 4064         | 160,00 | 17            | 11           | PHG B160   |    |           |

Non-standard lengths are also available.

# SKF Wrapped Classical Belts

17/B | 22/C



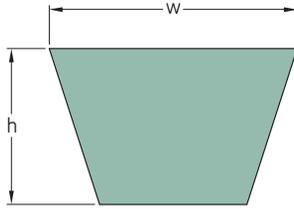
| Section | Dimensions   |               | Designations | Section | Dimensions   |               | Designations |        |        |        |          |            |           |
|---------|--------------|---------------|--------------|---------|--------------|---------------|--------------|--------|--------|--------|----------|------------|-----------|
|         | Pitch length | Inside length |              |         | Pitch length | Inside length |              |        |        |        |          |            |           |
|         |              |               | w            |         |              |               | h            |        |        |        |          |            |           |
|         | mm           | in.           | mm           |         | mm           | in.           | mm           |        |        |        |          |            |           |
| 17/B    | 4 160        | 4 115         | 162,00       | 17      | 11           | PHG B162      | 22/C         | 2 040  | 1 981  | 78,00  | 22       | 14         | PHG C78   |
|         | 4 200        | 4 166         | 164,00       | 17      | 11           | PHG B164      |              | 2 060  | 2 007  | 79,00  | 22       | 14         | PHG C79   |
|         | 4 230        | 4 191         | 165,00       | 17      | 11           | PHG B165      |              | 2 090  | 2 032  | 80,00  | 22       | 14         | PHG C80   |
|         | 4 280        | 4 242         | 167,00       | 17      | 11           | PHG B167      |              | 2 110  | 2 057  | 81,00  | 22       | 14         | PHG C81   |
|         | 4 360        | 4 318         | 170,00       | 17      | 11           | PHG B170      |              | 2 140  | 2 083  | 82,00  | 22       | 14         | PHG C82   |
|         | 4 430        | 4 394         | 173,00       | 17      | 11           | PHG B173      |              | 2 160  | 2 108  | 83,00  | 22       | 14         | PHG C83   |
|         | 4 490        | 4 445         | 175,00       | 17      | 11           | PHG B175      |              | 2 175  | 2 121  | 83,50  | 22       | 14         | PHG C83.5 |
|         | 4 540        | 4 496         | 177,00       | 17      | 11           | PHG B177      |              | 2 190  | 2 134  | 84,00  | 22       | 14         | PHG C84   |
|         | 4 610        | 4 572         | 180,00       | 17      | 11           | PHG B180      |              | 2 205  | 2 146  | 84,50  | 22       | 14         | PHG C84.5 |
|         | 4 740        | 4 699         | 185,00       | 17      | 11           | PHG B185      |              | 2 220  | 2 159  | 85,00  | 22       | 14         | PHG C85   |
|         | 4 800        | 4 750         | 187,00       | 17      | 11           | PHG B187      |              | 2 240  | 2 184  | 86,00  | 22       | 14         | PHG C86   |
|         | 5 000        | 4 953         | 195,00       | 17      | 11           | PHG B195      |              | 2 270  | 2 210  | 87,00  | 22       | 14         | PHG C87   |
|         | 5 044        | 5 004         | 197,00       | 17      | 11           | PHG B197      |              | 2 290  | 2 235  | 88,00  | 22       | 14         | PHG C88   |
|         | 5 220        | 5 182         | 204,00       | 17      | 11           | PHG B204      |              | 2 320  | 2 261  | 89,00  | 22       | 14         | PHG C89   |
|         | 5 340        | 5 283         | 208,00       | 17      | 11           | PHG B208      |              | 2 340  | 2 286  | 90,00  | 22       | 14         | PHG C90   |
|         | 5 370        | 5 334         | 210,00       | 17      | 11           | PHG B210      |              | 2 390  | 2 337  | 92,00  | 22       | 14         | PHG C92   |
|         | 5 630        | 5 588         | 220,00       | 17      | 11           | PHG B220      |              | 2 420  | 2 362  | 93,00  | 22       | 14         | PHG C93   |
|         | 5 760        | 5 715         | 225,00       | 17      | 11           | PHG B225      |              | 2 440  | 2 388  | 94,00  | 22       | 14         | PHG C94   |
|         | 6 040        | 5 994         | 236,00       | 17      | 11           | PHG B236      |              | 2 470  | 2 413  | 95,00  | 22       | 14         | PHG C95   |
|         | 6 140        | 6 096         | 240,00       | 17      | 11           | PHG B240      |              | 2 490  | 2 438  | 96,00  | 22       | 14         | PHG C96   |
|         | 6 340        | 6 299         | 248,00       | 17      | 11           | PHG B248      |              | 2 505  | 2 451  | 96,50  | 22       | 14         | PHG C96.5 |
|         | 6 750        | 6 706         | 264,00       | 17      | 11           | PHG B264      |              | 2 520  | 2 464  | 97,00  | 22       | 14         | PHG C97   |
|         | 6 900        | 6 858         | 270,00       | 17      | 11           | PHG B270      |              | 2 550  | 2 489  | 98,00  | 22       | 14         | PHG C98   |
|         | 7 025        | 6 985         | 275,00       | 17      | 11           | PHG B275      |              | 2 570  | 2 515  | 99,00  | 22       | 14         | PHG C99   |
|         | 7 050        | 7 010         | 276,00       | 17      | 11           | PHG B276      |              | 2 600  | 2 540  | 100,00 | 22       | 14         | PHG C100  |
| 7 150   | 7 112        | 280,00        | 17           | 11      | PHG B280     | 2 620         | 2 565        | 101,00 | 22     | 14     | PHG C101 |            |           |
| 7 660   | 7 620        | 300,00        | 17           | 11      | PHG B300     | 2 650         | 2 591        | 102,00 | 22     | 14     | PHG C102 |            |           |
| 8 040   | 8 001        | 315,00        | 17           | 11      | PHG B315     | 2 700         | 2 642        | 104,00 | 22     | 14     | PHG C104 |            |           |
| 22/C    | 1 126        | 1 067         | 42,00        | 22      | 14           | PHG C42       | 2 720        | 2 667  | 105,00 | 22     | 14       | PHG C105   |           |
|         | 1 150        | 1 092         | 43,00        | 22      | 14           | PHG C43       | 2 740        | 2 692  | 106,00 | 22     | 14       | PHG C106   |           |
|         | 1 250        | 1 194         | 47,00        | 22      | 14           | PHG C47       | 2 800        | 2 743  | 108,00 | 22     | 14       | PHG C108   |           |
|         | 1 280        | 1 219         | 48,00        | 22      | 14           | PHG C48       | 2 850        | 2 794  | 110,00 | 22     | 14       | PHG C110   |           |
|         | 1 300        | 1 245         | 49,00        | 22      | 14           | PHG C49       | 2 900        | 2 845  | 112,00 | 22     | 14       | PHG C112   |           |
|         | 1 325        | 1 270         | 50,00        | 22      | 14           | PHG C50       | 2 950        | 2 896  | 114,00 | 22     | 14       | PHG C114   |           |
|         | 1 349        | 1 289         | 50,75        | 22      | 14           | PHG C50.75    | 2 980        | 2 921  | 115,00 | 22     | 14       | PHG C115   |           |
|         | 1 350        | 1 295         | 51,00        | 22      | 14           | PHG C51       | 2 990        | 2 934  | 115,50 | 22     | 14       | PHG C115.5 |           |
|         | 1 370        | 1 321         | 52,00        | 22      | 14           | PHG C52       | 3 000        | 2 946  | 116,00 | 22     | 14       | PHG C116   |           |
|         | 1 400        | 1 346         | 53,00        | 22      | 14           | PHG C53       | 3 050        | 2 997  | 118,00 | 22     | 14       | PHG C118   |           |
|         | 1 430        | 1 372         | 54,00        | 22      | 14           | PHG C54       | 3 100        | 3 048  | 120,00 | 22     | 14       | PHG C120   |           |
|         | 1 450        | 1 397         | 55,00        | 22      | 14           | PHG C55       | 3 160        | 3 099  | 122,00 | 22     | 14       | PHG C122   |           |
|         | 1 480        | 1 422         | 56,00        | 22      | 14           | PHG C56       | 3 210        | 3 150  | 124,00 | 22     | 14       | PHG C124   |           |
|         | 1 500        | 1 448         | 57,00        | 22      | 14           | PHG C57       | 3 270        | 3 200  | 126,00 | 22     | 14       | PHG C126   |           |
|         | 1 530        | 1 473         | 58,00        | 22      | 14           | PHG C58       | 3 310        | 3 251  | 128,00 | 22     | 14       | PHG C128   |           |
|         | 1 560        | 1 499         | 59,00        | 22      | 14           | PHG C59       | 3 360        | 3 302  | 130,00 | 22     | 14       | PHG C130   |           |
|         | 1 580        | 1 524         | 60,00        | 22      | 14           | PHG C60       | 3 410        | 3 353  | 132,00 | 22     | 14       | PHG C132   |           |
|         | 1 610        | 1 549         | 61,00        | 22      | 14           | PHG C61       | 3 460        | 3 404  | 134,00 | 22     | 14       | PHG C134   |           |
|         | 1 630        | 1 575         | 62,00        | 22      | 14           | PHG C62       | 3 520        | 3 454  | 136,00 | 22     | 14       | PHG C136   |           |
|         | 1 650        | 1 600         | 63,00        | 22      | 14           | PHG C63       | 3 560        | 3 505  | 138,00 | 22     | 14       | PHG C138   |           |
|         | 1 700        | 1 651         | 65,00        | 22      | 14           | PHG C65       | 3 610        | 3 556  | 140,00 | 22     | 14       | PHG C140   |           |
|         | 1 730        | 1 676         | 66,00        | 22      | 14           | PHG C66       | 3 660        | 3 607  | 142,00 | 22     | 14       | PHG C142   |           |
|         | 1 760        | 1 702         | 67,00        | 22      | 14           | PHG C67       | 3 710        | 3 658  | 144,00 | 22     | 14       | PHG C144   |           |
|         | 1 780        | 1 727         | 68,00        | 22      | 14           | PHG C68       | 3 760        | 3 708  | 146,00 | 22     | 14       | PHG C146   |           |
|         | 1 810        | 1 753         | 69,00        | 22      | 14           | PHG C69       | 3 820        | 3 759  | 148,00 | 22     | 14       | PHG C148   |           |
|         | 1 830        | 1 778         | 70,00        | 22      | 14           | PHG C70       | 3 870        | 3 810  | 150,00 | 22     | 14       | PHG C150   |           |
|         | 1 860        | 1 803         | 71,00        | 22      | 14           | PHG C71       | 3 920        | 3 861  | 152,00 | 22     | 14       | PHG C152   |           |
|         | 1 880        | 1 829         | 72,00        | 22      | 14           | PHG C72       | 4 060        | 4 013  | 158,00 | 22     | 14       | PHG C158   |           |
|         | 1 910        | 1 854         | 73,00        | 22      | 14           | PHG C73       | 4 170        | 4 115  | 162,00 | 22     | 14       | PHG C162   |           |
|         | 1 930        | 1 880         | 74,00        | 22      | 14           | PHG C74       | 4 280        | 4 216  | 166,00 | 22     | 14       | PHG C166   |           |
|         | 1 940        | 1 892         | 74,50        | 22      | 14           | PHG C74.5     | 4 300        | 4 242  | 167,00 | 22     | 14       | PHG C167   |           |
|         | 1 950        | 1 905         | 75,00        | 22      | 14           | PHG C75       | 4 320        | 4 267  | 168,00 | 22     | 14       | PHG C168   |           |
|         | 1 990        | 1 930         | 76,00        | 22      | 14           | PHG C76       | 4 450        | 4 394  | 173,00 | 22     | 14       | PHG C173   |           |
|         | 2 000        | 1 943         | 76,50        | 22      | 14           | PHG C76.5     | 4 500        | 4 445  | 175,00 | 22     | 14       | PHG C175   |           |
|         | 2 010        | 1 956         | 77,00        | 22      | 14           | PHG C77       | 4 560        | 4 496  | 177,00 | 22     | 14       | PHG C177   |           |
|         |              |               |              |         |              |               | 4 630        | 4 572  | 180,00 | 22     | 14       | PHG C180   |           |
|         |              |               |              |         |              |               | 4 810        | 4 750  | 187,00 | 22     | 14       | PHG C187   |           |

Non-standard lengths are also available.



# SKF Wrapped Classical Belts

22/C | 32/D | 38/E

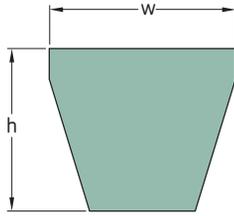


| Section | Dimensions   |        | Inside length | Designations |          | Section  | Dimensions   |        | Inside length | Designations |          |          |          |          |
|---------|--------------|--------|---------------|--------------|----------|----------|--------------|--------|---------------|--------------|----------|----------|----------|----------|
|         | Pitch length |        |               | w            | h        |          | Pitch length |        |               | w            | h        |          |          |          |
| -       | mm           | in.    | -             | mm           | -        | -        | mm           | in.    | mm            | -            | -        |          |          |          |
| 22/C    | 4 880        | 4 826  | 190,00        | 22           | 14       | PHG C190 | 32/D         | 8 080  | 8 001         | 315,00       | 32       | 20       | PHG D315 |          |
|         | 5 010        | 4 953  | 195,00        | 22           | 14       | PHG C195 |              | 8 410  | 8 331         | 328,00       | 32       | 20       | PHG D328 |          |
|         | 5 060        | 5 004  | 197,00        | 22           | 14       | PHG C197 |              | 8 460  | 8 382         | 330,00       | 32       | 20       | PHG D330 |          |
|         | 5 240        | 5 182  | 204,00        | 22           | 14       | PHG C204 |              | 9 070  | 8 992         | 354,00       | 32       | 20       | PHG D354 |          |
|         | 5 340        | 5 283  | 208,00        | 22           | 14       | PHG C208 |              | 9 220  | 9 144         | 360,00       | 32       | 20       | PHG D360 |          |
|         | 5 380        | 5 334  | 210,00        | 22           | 14       | PHG C210 |              | 38/E   | 3 076         | 2 997        | 118,00   | 38       | 23       | PHG E118 |
|         | 5 640        | 5 588  | 220,00        | 22           | 14       | PHG C220 |              |        | 4 091         | 4 013        | 158,00   | 38       | 23       | PHG E158 |
|         | 5 770        | 5 715  | 225,00        | 22           | 14       | PHG C225 |              |        | 4 979         | 4 902        | 193,00   | 38       | 23       | PHG E193 |
|         | 6 050        | 5 994  | 236,00        | 22           | 14       | PHG C236 |              |        | 5 030         | 4 953        | 195,00   | 38       | 23       | PHG E195 |
|         | 6 100        | 6 045  | 238,00        | 22           | 14       | PHG C238 |              |        | 5 081         | 5 004        | 197,00   | 38       | 23       | PHG E197 |
|         | 6 150        | 6 096  | 240,00        | 22           | 14       | PHG C240 |              |        | 5 537         | 5 461        | 215,00   | 38       | 23       | PHG E215 |
|         | 6 360        | 6 299  | 248,00        | 22           | 14       | PHG C248 |              |        | 5 664         | 5 588        | 220,00   | 38       | 23       | PHG E220 |
|         | 6 535        | 6 477  | 255,00        | 22           | 14       | PHG C255 |              |        | 6 070         | 5 994        | 236,00   | 38       | 23       | PHG E236 |
|         | 6 760        | 6 706  | 264,00        | 22           | 14       | PHG C264 |              |        | 6 121         | 6 045        | 238,00   | 38       | 23       | PHG E238 |
|         | 6 910        | 6 858  | 270,00        | 22           | 14       | PHG C270 |              |        | 6 172         | 6 096        | 240,00   | 38       | 23       | PHG E240 |
|         | 7 170        | 7 112  | 280,00        | 22           | 14       | PHG C280 |              | 6 375  | 6 299         | 248,00       | 38       | 23       | PHG E248 |          |
|         | 7 550        | 7 493  | 295,00        | 22           | 14       | PHG C295 |              | 6 654  | 6 579         | 259,00       | 38       | 23       | PHG E259 |          |
|         | 7 680        | 7 620  | 300,00        | 22           | 14       | PHG C300 |              | 6 806  | 6 731         | 265,00       | 38       | 23       | PHG E265 |          |
|         | 8 060        | 8 001  | 315,00        | 22           | 14       | PHG C315 |              | 6 933  | 6 858         | 270,00       | 38       | 23       | PHG E270 |          |
|         | 8 390        | 8 331  | 328,00        | 22           | 14       | PHG C328 |              | 7 187  | 7 112         | 280,00       | 38       | 23       | PHG E280 |          |
| 8 440   | 8 382        | 330,00 | 22            | 14           | PHG C330 | 7 567    | 7 493        | 295,00 | 38            | 23           | PHG E295 |          |          |          |
| 9 200   | 9 144        | 360,00 | 22            | 14           | PHG C360 | 7 643    | 7 569        | 298,00 | 38            | 23           | PHG E298 |          |          |          |
| 9 970   | 9 906        | 390,00 | 22            | 14           | PHG C390 | 7 694    | 7 620        | 300,00 | 38            | 23           | PHG E300 |          |          |          |
| 10 670  | 10 617       | 418,00 | 22            | 14           | PHG C418 | 8 075    | 8 001        | 315,00 | 38            | 23           | PHG E315 |          |          |          |
| 32/D    | 2 560        | 2 489  | 98,00         | 32           | 20       | PHG D98  | 8 405        | 8 331  | 328,00        | 38           | 23       | PHG E328 |          |          |
|         | 2 720        | 2 642  | 104,00        | 32           | 20       | PHG D104 | 8 430        | 8 357  | 329,00        | 38           | 23       | PHG E329 |          |          |
|         | 2 740        | 2 667  | 105,00        | 32           | 20       | PHG D105 | 8 455        | 8 382  | 330,00        | 38           | 23       | PHG E330 |          |          |
|         | 2 870        | 2 794  | 110,00        | 32           | 20       | PHG D110 | 8 709        | 8 636  | 340,00        | 38           | 23       | PHG E340 |          |          |
|         | 3 080        | 2 997  | 118,00        | 32           | 20       | PHG D118 | 9 065        | 8 992  | 354,00        | 38           | 23       | PHG E354 |          |          |
|         | 3 130        | 3 048  | 120,00        | 32           | 20       | PHG D120 | 9 166        | 9 093  | 358,00        | 38           | 23       | PHG E358 |          |          |
|         | 3 225        | 3 150  | 124,00        | 32           | 20       | PHG D124 | 9 217        | 9 144  | 360,00        | 38           | 23       | PHG E360 |          |          |
|         | 3 330        | 3 251  | 128,00        | 32           | 20       | PHG D128 | 10 080       | 10 008 | 394,00        | 38           | 23       | PHG E394 |          |          |
|         | 3 430        | 3 353  | 132,00        | 32           | 20       | PHG D132 | 10 689       | 10 617 | 418,00        | 38           | 23       | PHG E418 |          |          |
|         | 3 530        | 3 454  | 136,00        | 32           | 20       | PHG D136 | 10 739       | 10 668 | 420,00        | 38           | 23       | PHG E420 |          |          |
|         | 3 555        | 3 480  | 137,00        | 32           | 20       | PHG D137 | 11 247       | 11 176 | 440,00        | 38           | 23       | PHG E440 |          |          |
|         | 3 640        | 3 556  | 140,00        | 32           | 20       | PHG D140 | 11 272       | 11 201 | 441,00        | 38           | 23       | PHG E441 |          |          |
|         | 3 730        | 3 658  | 144,00        | 32           | 20       | PHG D144 | 11 983       | 11 913 | 469,00        | 38           | 23       | PHG E469 |          |          |
|         | 3 830        | 3 759  | 148,00        | 32           | 20       | PHG D148 | 12 262       | 12 192 | 480,00        | 38           | 23       | PHG E480 |          |          |
|         | 4 080        | 4 013  | 158,00        | 32           | 20       | PHG D158 | 12 566       | 12 497 | 492,00        | 38           | 23       | PHG E492 |          |          |
|         | 4 190        | 4 115  | 162,00        | 32           | 20       | PHG D162 | 13 784       | 13 716 | 540,00        | 38           | 23       | PHG E540 |          |          |
|         | 4 320        | 4 242  | 167,00        | 32           | 20       | PHG D167 |              |        |               |              |          |          |          |          |
|         | 4 395        | 4 318  | 170,00        | 32           | 20       | PHG D170 |              |        |               |              |          |          |          |          |
|         | 4 470        | 4 394  | 173,00        | 32           | 20       | PHG D173 |              |        |               |              |          |          |          |          |
|         | 4 580        | 4 496  | 177,00        | 32           | 20       | PHG D177 |              |        |               |              |          |          |          |          |
| 4 650   | 4 572        | 180,00 | 32            | 20           | PHG D180 |          |              |        |               |              |          |          |          |          |
| 4 830   | 4 750        | 187,00 | 32            | 20           | PHG D187 |          |              |        |               |              |          |          |          |          |
| 5 030   | 4 953        | 195,00 | 32            | 20           | PHG D195 |          |              |        |               |              |          |          |          |          |
| 5 080   | 5 004        | 197,00 | 32            | 20           | PHG D197 |          |              |        |               |              |          |          |          |          |
| 5 360   | 5 283        | 208,00 | 32            | 20           | PHG D208 |          |              |        |               |              |          |          |          |          |
| 5 400   | 5 334        | 210,00 | 32            | 20           | PHG D210 |          |              |        |               |              |          |          |          |          |
| 5 670   | 5 588        | 220,00 | 32            | 20           | PHG D220 |          |              |        |               |              |          |          |          |          |
| 5 790   | 5 715        | 225,00 | 32            | 20           | PHG D225 |          |              |        |               |              |          |          |          |          |
| 6 070   | 5 994        | 236,00 | 32            | 20           | PHG D236 |          |              |        |               |              |          |          |          |          |
| 6 170   | 6 096        | 240,00 | 32            | 20           | PHG D240 |          |              |        |               |              |          |          |          |          |
| 6 380   | 6 299        | 248,00 | 32            | 20           | PHG D248 |          |              |        |               |              |          |          |          |          |
| 6 425   | 6 350        | 250,00 | 32            | 20           | PHG D250 |          |              |        |               |              |          |          |          |          |
| 6 560   | 6 477        | 255,00 | 32            | 20           | PHG D255 |          |              |        |               |              |          |          |          |          |
| 6 780   | 6 706        | 264,00 | 32            | 20           | PHG D264 |          |              |        |               |              |          |          |          |          |
| 6 910   | 6 833        | 269,00 | 32            | 20           | PHG D269 |          |              |        |               |              |          |          |          |          |
| 6 940   | 6 858        | 270,00 | 32            | 20           | PHG D270 |          |              |        |               |              |          |          |          |          |
| 7 190   | 7 112        | 280,00 | 32            | 20           | PHG D280 |          |              |        |               |              |          |          |          |          |
| 7 320   | 7 239        | 285,00 | 32            | 20           | PHG D285 |          |              |        |               |              |          |          |          |          |
| 7 650   | 7 569        | 298,00 | 32            | 20           | PHG D298 |          |              |        |               |              |          |          |          |          |
| 7 700   | 7 620        | 300,00 | 32            | 20           | PHG D300 |          |              |        |               |              |          |          |          |          |

Non-standard lengths are also available.

# SKF Wrapped Narrow Wedge Belts

3V/9N | 5V/15N | 8V/25N



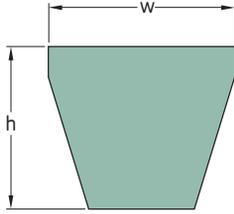
| Section | Dimensions   |       | Designations |    |            |           |
|---------|--------------|-------|--------------|----|------------|-----------|
|         | Pitch length |       | w            | h  |            |           |
| -       | mm           | in.   | mm           | -  |            |           |
| 3V/9N   | 635          | 25,0  | 9            | 8  | PHG 3V250  |           |
|         | 673          | 26,5  | 9            | 8  | PHG 3V265  |           |
|         | 711          | 28,0  | 9            | 8  | PHG 3V280  |           |
|         | 762          | 30,0  | 9            | 8  | PHG 3V300  |           |
|         | 800          | 31,5  | 9            | 8  | PHG 3V315  |           |
|         | 851          | 33,5  | 9            | 8  | PHG 3V335  |           |
|         | 902          | 35,5  | 9            | 8  | PHG 3V355  |           |
|         | 953          | 37,5  | 9            | 8  | PHG 3V375  |           |
|         | 1 016        | 40,0  | 9            | 8  | PHG 3V400  |           |
|         | 1 080        | 42,5  | 9            | 8  | PHG 3V425  |           |
|         | 1 143        | 45,0  | 9            | 8  | PHG 3V450  |           |
|         | 1 207        | 47,5  | 9            | 8  | PHG 3V475  |           |
|         | 1 270        | 50,0  | 9            | 8  | PHG 3V500  |           |
|         | 1 346        | 53,0  | 9            | 8  | PHG 3V530  |           |
|         | 1 422        | 56,0  | 9            | 8  | PHG 3V560  |           |
|         | 1 524        | 60,0  | 9            | 8  | PHG 3V600  |           |
|         | 1 600        | 63,0  | 9            | 8  | PHG 3V630  |           |
|         | 1 702        | 67,0  | 9            | 8  | PHG 3V670  |           |
|         | 1 803        | 71,0  | 9            | 8  | PHG 3V710  |           |
|         | 1 905        | 75,0  | 9            | 8  | PHG 3V750  |           |
|         | 2 032        | 80,0  | 9            | 8  | PHG 3V800  |           |
|         | 2 159        | 85,0  | 9            | 8  | PHG 3V850  |           |
|         | 2 286        | 90,0  | 9            | 8  | PHG 3V900  |           |
|         | 2 413        | 95,0  | 9            | 8  | PHG 3V950  |           |
|         | 2 540        | 100,0 | 9            | 8  | PHG 3V1000 |           |
|         | 2 692        | 106,0 | 9            | 8  | PHG 3V1060 |           |
|         | 2 845        | 112,0 | 9            | 8  | PHG 3V1120 |           |
|         | 2 997        | 118,0 | 9            | 8  | PHG 3V1180 |           |
|         | 3 175        | 125,0 | 9            | 8  | PHG 3V1250 |           |
|         | 3 353        | 132,0 | 9            | 8  | PHG 3V1320 |           |
|         | 3 556        | 140,0 | 9            | 8  | PHG 3V1400 |           |
|         | 5V/15N       | 1 346 | 53,0         | 15 | 13         | PHG 5V530 |
|         |              | 1 422 | 56,0         | 15 | 13         | PHG 5V560 |
|         |              | 1 524 | 60,0         | 15 | 13         | PHG 5V600 |
|         |              | 1 600 | 63,0         | 15 | 13         | PHG 5V630 |
|         |              | 1 702 | 67,0         | 15 | 13         | PHG 5V670 |
|         |              | 1 803 | 71,0         | 15 | 13         | PHG 5V710 |
|         |              | 1 905 | 75,0         | 15 | 13         | PHG 5V750 |
|         |              | 2 032 | 80,0         | 15 | 13         | PHG 5V800 |
|         |              | 2 159 | 85,0         | 15 | 13         | PHG 5V850 |
| 2 286   |              | 90,0  | 15           | 13 | PHG 5V900  |           |
| 2 413   |              | 95,0  | 15           | 13 | PHG 5V950  |           |
| 2 540   |              | 100,0 | 15           | 13 | PHG 5V1000 |           |
| 2 692   |              | 106,0 | 15           | 13 | PHG 5V1060 |           |
| 2 845   |              | 112,0 | 15           | 13 | PHG 5V1120 |           |
| 2 997   |              | 118,0 | 15           | 13 | PHG 5V1180 |           |
| 3 175   |              | 125,0 | 15           | 13 | PHG 5V1250 |           |
| 3 353   |              | 132,0 | 15           | 13 | PHG 5V1320 |           |
| 3 556   |              | 140,0 | 15           | 13 | PHG 5V1400 |           |
| 3 810   |              | 150,0 | 15           | 13 | PHG 5V1500 |           |
| 4 064   |              | 160,0 | 15           | 13 | PHG 5V1600 |           |
| 4 318   |              | 170,0 | 15           | 13 | PHG 5V1700 |           |
| 4 572   |              | 180,0 | 15           | 13 | PHG 5V1800 |           |
| 4 826   |              | 190,0 | 15           | 13 | PHG 5V1900 |           |
| 5 080   |              | 200,0 | 15           | 13 | PHG 5V2000 |           |
| 5 385   |              | 212,0 | 15           | 13 | PHG 5V2120 |           |
| 5 690   |              | 224,0 | 15           | 13 | PHG 5V2240 |           |
| 5 994   |              | 236,0 | 15           | 13 | PHG 5V2360 |           |
| 6 350   |              | 250,0 | 15           | 13 | PHG 5V2500 |           |
| 6 731   |              | 265,0 | 15           | 13 | PHG 5V2650 |           |
| 7 112   |              | 280,0 | 15           | 13 | PHG 5V2800 |           |
| 7 620   |              | 300,0 | 15           | 13 | PHG 5V3000 |           |
| 8 001   |              | 315,0 | 15           | 13 | PHG 5V3150 |           |
| 8 509   |              | 335,0 | 15           | 13 | PHG 5V3350 |           |
| 9 017   |              | 355,0 | 15           | 13 | PHG 5V3550 |           |

| Section | Dimensions   |       | Designations |            |            |
|---------|--------------|-------|--------------|------------|------------|
|         | Pitch length |       | w            | h          |            |
| -       | mm           | in.   | mm           | -          |            |
| 8V/25N  | 2 540        | 100,0 | 25           | 23         | PHG 8V1000 |
|         | 2 692        | 106,0 | 25           | 23         | PHG 8V1060 |
|         | 2 845        | 112,0 | 25           | 23         | PHG 8V1120 |
|         | 2 997        | 118,0 | 25           | 23         | PHG 8V1180 |
|         | 3 175        | 125,0 | 25           | 23         | PHG 8V1250 |
|         | 3 353        | 132,0 | 25           | 23         | PHG 8V1320 |
|         | 3 556        | 140,0 | 25           | 23         | PHG 8V1400 |
|         | 3 810        | 150,0 | 25           | 23         | PHG 8V1500 |
|         | 4 064        | 160,0 | 25           | 23         | PHG 8V1600 |
|         | 4 318        | 170,0 | 25           | 23         | PHG 8V1700 |
|         | 4 572        | 180,0 | 25           | 23         | PHG 8V1800 |
|         | 4 826        | 190,0 | 25           | 23         | PHG 8V1900 |
|         | 5 080        | 200,0 | 25           | 23         | PHG 8V2000 |
|         | 5 385        | 212,0 | 25           | 23         | PHG 8V2120 |
|         | 5 690        | 224,0 | 25           | 23         | PHG 8V2240 |
|         | 5 994        | 236,0 | 25           | 23         | PHG 8V2360 |
|         | 6 350        | 250,0 | 25           | 23         | PHG 8V2500 |
|         | 6 731        | 265,0 | 25           | 23         | PHG 8V2650 |
|         | 7 112        | 280,0 | 25           | 23         | PHG 8V2800 |
|         | 7 620        | 300,0 | 25           | 23         | PHG 8V3000 |
| 8 001   | 315,0        | 25    | 23           | PHG 8V3150 |            |
| 8 509   | 335,0        | 25    | 23           | PHG 8V3350 |            |
| 9 017   | 355,0        | 25    | 23           | PHG 8V3550 |            |

Non-standard lengths are also available.

# SKF Xtra Power Wrapped Narrow Wedge Belts

3V | 5V | 8V



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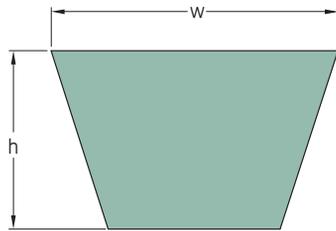
| Section | Dimensions     |                | Designations |              | Section      | Dimensions     |                | Designations |    |    |              |
|---------|----------------|----------------|--------------|--------------|--------------|----------------|----------------|--------------|----|----|--------------|
|         | Outside length | Outside length |              |              |              | Outside length | Outside length |              |    |    |              |
|         |                |                | w            | h            |              |                |                | w            | h  |    |              |
|         | mm             | in.            |              |              |              | mm             | in.            |              |    |    |              |
| 3V      | 1 207          | 47,5           | 9            | 8            | PHG 3V475XP  | 8V             | 4 826          | 190,0        | 25 | 23 | PHG 8V1900XP |
|         | 1 270          | 50,0           | 9            | 8            | PHG 3V500XP  |                | 5 080          | 200,0        | 25 | 23 | PHG 8V2000XP |
|         | 1 346          | 53,0           | 9            | 8            | PHG 3V530XP  |                | 5 385          | 212,0        | 25 | 23 | PHG 8V2120XP |
|         | 1 422          | 56,0           | 9            | 8            | PHG 3V560XP  |                | 5 690          | 224,0        | 25 | 23 | PHG 8V2240XP |
|         | 1 524          | 60,0           | 9            | 8            | PHG 3V600XP  |                | 5 994          | 236,0        | 25 | 23 | PHG 8V2360XP |
|         | 1 600          | 63,0           | 9            | 8            | PHG 3V630XP  |                | 6 350          | 250,0        | 25 | 23 | PHG 8V2500XP |
|         | 1 702          | 67,0           | 9            | 8            | PHG 3V670XP  |                | 6 731          | 265,0        | 25 | 23 | PHG 8V2650XP |
|         | 1 803          | 71,0           | 9            | 8            | PHG 3V710XP  |                | 7 112          | 280,0        | 25 | 23 | PHG 8V2800XP |
|         | 1 905          | 75,0           | 9            | 8            | PHG 3V750XP  |                | 7 620          | 300,0        | 25 | 23 | PHG 8V3000XP |
|         | 2 032          | 80,0           | 9            | 8            | PHG 3V800XP  |                | 8 001          | 315,0        | 25 | 23 | PHG 8V3150XP |
|         | 2 159          | 85,0           | 9            | 8            | PHG 3V850XP  |                | 8 509          | 335,0        | 25 | 23 | PHG 8V3350XP |
|         | 2 286          | 90,0           | 9            | 8            | PHG 3V900XP  |                | 9 017          | 355,0        | 25 | 23 | PHG 8V3550XP |
|         | 2 413          | 95,0           | 9            | 8            | PHG 3V950XP  |                | 9 525          | 375,0        | 25 | 23 | PHG 8V3750XP |
|         | 2 540          | 100,0          | 9            | 8            | PHG 3V1000XP |                | 10 160         | 400,0        | 25 | 23 | PHG 8V4000XP |
|         | 2 692          | 106,0          | 9            | 8            | PHG 3V1060XP |                | 10 795         | 425,0        | 25 | 23 | PHG 8V4250XP |
|         | 2 845          | 112,0          | 9            | 8            | PHG 3V1120XP |                | 11 430         | 450,0        | 25 | 23 | PHG 8V4500XP |
|         | 2 997          | 118,0          | 9            | 8            | PHG 3V1180XP |                | 12 065         | 475,0        | 25 | 23 | PHG 8V4750XP |
|         | 3 175          | 125,0          | 9            | 8            | PHG 3V1250XP |                |                |              |    |    |              |
|         | 3 353          | 132,0          | 9            | 8            | PHG 3V1320XP |                |                |              |    |    |              |
|         | 3 556          | 140,0          | 9            | 8            | PHG 3V1400XP |                |                |              |    |    |              |
| 8V      | 1 346          | 53,0           | 15           | 13           | PHG 5V530XP  |                |                |              |    |    |              |
|         | 1 422          | 56,0           | 15           | 13           | PHG 5V560XP  |                |                |              |    |    |              |
|         | 1 524          | 60,0           | 15           | 13           | PHG 5V600XP  |                |                |              |    |    |              |
|         | 1 600          | 63,0           | 15           | 13           | PHG 5V630XP  |                |                |              |    |    |              |
|         | 1 702          | 67,0           | 15           | 13           | PHG 5V670XP  |                |                |              |    |    |              |
|         | 1 803          | 71,0           | 15           | 13           | PHG 5V710XP  |                |                |              |    |    |              |
|         | 1 905          | 75,0           | 15           | 13           | PHG 5V750XP  |                |                |              |    |    |              |
|         | 2 032          | 80,0           | 15           | 13           | PHG 5V800XP  |                |                |              |    |    |              |
|         | 2 159          | 85,0           | 15           | 13           | PHG 5V850XP  |                |                |              |    |    |              |
|         | 2 286          | 90,0           | 15           | 13           | PHG 5V900XP  |                |                |              |    |    |              |
|         | 2 413          | 95,0           | 15           | 13           | PHG 5V950XP  |                |                |              |    |    |              |
|         | 2 540          | 100,0          | 15           | 13           | PHG 5V1000XP |                |                |              |    |    |              |
|         | 2 692          | 106,0          | 15           | 13           | PHG 5V1060XP |                |                |              |    |    |              |
|         | 2 845          | 112,0          | 15           | 13           | PHG 5V1120XP |                |                |              |    |    |              |
|         | 2 997          | 118,0          | 15           | 13           | PHG 5V1180XP |                |                |              |    |    |              |
|         | 3 175          | 125,0          | 15           | 13           | PHG 5V1250XP |                |                |              |    |    |              |
|         | 3 353          | 132,0          | 15           | 13           | PHG 5V1320XP |                |                |              |    |    |              |
|         | 3 556          | 140,0          | 15           | 13           | PHG 5V1400XP |                |                |              |    |    |              |
|         | 3 810          | 150,0          | 15           | 13           | PHG 5V1500XP |                |                |              |    |    |              |
|         | 4 064          | 160,0          | 15           | 13           | PHG 5V1600XP |                |                |              |    |    |              |
| 4 318   | 170,0          | 15             | 13           | PHG 5V1700XP |              |                |                |              |    |    |              |
| 4 572   | 180,0          | 15             | 13           | PHG 5V1800XP |              |                |                |              |    |    |              |
| 4 826   | 190,0          | 15             | 13           | PHG 5V1900XP |              |                |                |              |    |    |              |
| 5 080   | 200,0          | 15             | 13           | PHG 5V2000XP |              |                |                |              |    |    |              |
| 5 385   | 212,0          | 15             | 13           | PHG 5V2120XP |              |                |                |              |    |    |              |
| 5 690   | 224,0          | 15             | 13           | PHG 5V2240XP |              |                |                |              |    |    |              |
| 5 994   | 236,0          | 15             | 13           | PHG 5V2360XP |              |                |                |              |    |    |              |
| 6 350   | 250,0          | 15             | 13           | PHG 5V2500XP |              |                |                |              |    |    |              |
| 6 731   | 265,0          | 15             | 13           | PHG 5V2650XP |              |                |                |              |    |    |              |
| 7 112   | 280,0          | 15             | 13           | PHG 5V2800XP |              |                |                |              |    |    |              |
| 7 620   | 300,0          | 15             | 13           | PHG 5V3000XP |              |                |                |              |    |    |              |
| 8 001   | 315,0          | 15             | 13           | PHG 5V3150XP |              |                |                |              |    |    |              |
| 8V      | 2 540          | 100,0          | 25           | 23           | PHG 8V1000XP |                |                |              |    |    |              |
|         | 2 845          | 112,0          | 25           | 23           | PHG 8V1120XP |                |                |              |    |    |              |
|         | 2 997          | 118,0          | 25           | 23           | PHG 8V1180XP |                |                |              |    |    |              |
|         | 3 175          | 125,0          | 25           | 23           | PHG 8V1250XP |                |                |              |    |    |              |
|         | 3 353          | 132,0          | 25           | 23           | PHG 8V1320XP |                |                |              |    |    |              |
|         | 3 556          | 140,0          | 25           | 23           | PHG 8V1400XP |                |                |              |    |    |              |
|         | 3 810          | 150,0          | 25           | 23           | PHG 8V1500XP |                |                |              |    |    |              |
|         | 4 064          | 160,0          | 25           | 23           | PHG 8V1600XP |                |                |              |    |    |              |
|         | 4 318          | 170,0          | 25           | 23           | PHG 8V1700XP |                |                |              |    |    |              |
|         | 4 572          | 180,0          | 25           | 23           | PHG 8V1800XP |                |                |              |    |    |              |

Non-standard lengths are also available.



# SKF Cogged Raw Edge Classical Belts

X10/ZX | X13/AX

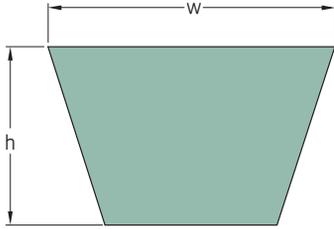


| Section | Dimensions   |               | Designations | Section | Dimensions   |               | Designations |        |       |       |            |    |            |            |
|---------|--------------|---------------|--------------|---------|--------------|---------------|--------------|--------|-------|-------|------------|----|------------|------------|
|         | Pitch length | Inside length |              |         | Pitch length | Inside length |              |        |       |       |            |    |            |            |
|         |              |               | w            |         |              | w             | h            |        |       |       |            |    |            |            |
|         | mm           | in.           | mm           |         | mm           | in.           | mm           |        |       |       |            |    |            |            |
| X10/ZX  | 405          | 387           | 15,25        | 10      | 6            | PHG ZX15.25   | X10/ZX       | 1 695  | 1 676 | 66,00 | 10         | 6  | PHG ZX66   |            |
|         | 420          | 406           | 16,00        | 10      | 6            | PHG ZX16      |              | 1 720  | 1 702 | 67,00 | 10         | 6  | PHG ZX67   |            |
|         | 465          | 445           | 17,50        | 10      | 6            | PHG ZX17.5    |              | 1 750  | 1 727 | 68,00 | 10         | 6  | PHG ZX68   |            |
|         | 470          | 457           | 18,00        | 10      | 6            | PHG ZX18      |              | 1 770  | 1 753 | 69,00 | 10         | 6  | PHG ZX69   |            |
|         | 495          | 483           | 19,00        | 10      | 6            | PHG ZX19      |              | 1 820  | 1 803 | 71,00 | 10         | 6  | PHG ZX71   |            |
|         | 555          | 540           | 21,25        | 10      | 6            | PHG ZX21.25   |              | 2 000  | 1 981 | 78,00 | 10         | 6  | PHG ZX78   |            |
|         | 585          | 565           | 22,25        | 10      | 6            | PHG ZX22.25   |              | X13/AX | 570   | 533   | 21,00      | 13 | 8          | PHG AX21   |
|         | 590          | 572           | 22,50        | 10      | 6            | PHG ZX22.5    |              |        | 590   | 559   | 22,00      | 13 | 8          | PHG AX22   |
|         | 600          | 584           | 23,00        | 10      | 6            | PHG ZX23      |              |        | 620   | 584   | 23,00      | 13 | 8          | PHG AX23   |
|         | 620          | 610           | 24,00        | 10      | 6            | PHG ZX24      |              |        | 630   | 597   | 23,50      | 13 | 8          | PHG AX23.5 |
|         | 650          | 635           | 25,00        | 10      | 6            | PHG ZX25      |              |        | 640   | 610   | 24,00      | 13 | 8          | PHG AX24   |
|         | 675          | 654           | 25,75        | 10      | 6            | PHG ZX25.75   |              |        | 670   | 635   | 25,00      | 13 | 8          | PHG AX25   |
|         | 680          | 660           | 26,00        | 10      | 6            | PHG ZX26      |              |        | 700   | 660   | 26,00      | 13 | 8          | PHG AX26   |
|         | 685          | 667           | 26,25        | 10      | 6            | PHG ZX26.25   |              |        | 710   | 673   | 26,50      | 13 | 8          | PHG AX26.5 |
|         | 690          | 673           | 26,50        | 10      | 6            | PHG ZX26.5    |              |        | 720   | 686   | 27,00      | 13 | 8          | PHG AX27   |
|         | 700          | 686           | 27,00        | 10      | 6            | PHG ZX27      |              |        | 740   | 711   | 28,00      | 13 | 8          | PHG AX28   |
|         | 710          | 692           | 27,25        | 10      | 6            | PHG ZX27.25   |              | 770    | 737   | 29,00 | 13         | 8  | PHG AX29   |            |
|         | 725          | 711           | 28,00        | 10      | 6            | PHG ZX28      |              | 790    | 762   | 30,00 | 13         | 8  | PHG AX30   |            |
|         | 740          | 724           | 28,50        | 10      | 6            | PHG ZX28.5    |              | 820    | 787   | 31,00 | 13         | 8  | PHG AX31   |            |
|         | 750          | 737           | 29,00        | 10      | 6            | PHG ZX29      |              | 850    | 813   | 32,00 | 13         | 8  | PHG AX32   |            |
|         | 770          | 749           | 29,50        | 10      | 6            | PHG ZX29.5    |              | 870    | 838   | 33,00 | 13         | 8  | PHG AX33   |            |
|         | 775          | 756           | 29,75        | 10      | 6            | PHG ZX29.75   |              | 890    | 864   | 34,00 | 13         | 8  | PHG AX34   |            |
|         | 780          | 762           | 30,00        | 10      | 6            | PHG ZX30      |              | 920    | 889   | 35,00 | 13         | 8  | PHG AX35   |            |
|         | 800          | 787           | 31,00        | 10      | 6            | PHG ZX31      |              | 930    | 902   | 35,50 | 13         | 8  | PHG AX35.5 |            |
|         | 820          | 800           | 31,50        | 10      | 6            | PHG ZX31.5    |              | 950    | 914   | 36,00 | 13         | 8  | PHG AX36   |            |
|         | 840          | 813           | 32,00        | 10      | 6            | PHG ZX32      |              | 970    | 940   | 37,00 | 13         | 8  | PHG AX37   |            |
|         | 845          | 826           | 32,50        | 10      | 6            | PHG ZX32.5    |              | 980    | 953   | 37,50 | 13         | 8  | PHG AX37.5 |            |
|         | 850          | 838           | 33,00        | 10      | 6            | PHG ZX33      |              | 990    | 965   | 38,00 | 13         | 8  | PHG AX38   |            |
|         | 860          | 851           | 33,50        | 10      | 6            | PHG ZX33.5    |              | 1 020  | 991   | 39,00 | 13         | 8  | PHG AX39   |            |
|         | 875          | 864           | 34,00        | 10      | 6            | PHG ZX34      |              | 1 050  | 1 016 | 40,00 | 13         | 8  | PHG AX40   |            |
|         | 890          | 876           | 34,50        | 10      | 6            | PHG ZX34.5    |              | 1 070  | 1 041 | 41,00 | 13         | 8  | PHG AX41   |            |
|         | 900          | 889           | 35,00        | 10      | 6            | PHG ZX35      |              | 1 085  | 1 054 | 41,50 | 13         | 8  | PHG AX41.5 |            |
|         | 915          | 895           | 35,25        | 10      | 6            | PHG ZX35.25   |              | 1 100  | 1 067 | 42,00 | 13         | 8  | PHG AX42   |            |
|         | 920          | 902           | 35,50        | 10      | 6            | PHG ZX35.5    |              | 1 130  | 1 092 | 43,00 | 13         | 8  | PHG AX43   |            |
|         | 930          | 914           | 36,00        | 10      | 6            | PHG ZX36      |              | 1 150  | 1 118 | 44,00 | 13         | 8  | PHG AX44   |            |
| 940     | 927          | 36,50         | 10           | 6       | PHG ZX36.5   | 1 180         | 1 143        | 45,00  | 13    | 8     | PHG AX45   |    |            |            |
| 950     | 940          | 37,00         | 10           | 6       | PHG ZX37     | 1 190         | 1 156        | 45,50  | 13    | 8     | PHG AX45.5 |    |            |            |
| 965     | 953          | 37,50         | 10           | 6       | PHG ZX37.5   | 1 200         | 1 168        | 46,00  | 13    | 8     | PHG AX46   |    |            |            |
| 975     | 959          | 37,75         | 10           | 6       | PHG ZX37.75  | 1 230         | 1 194        | 47,00  | 13    | 8     | PHG AX47   |    |            |            |
| 980     | 965          | 38,00         | 10           | 6       | PHG ZX38     | 1 250         | 1 219        | 48,00  | 13    | 8     | PHG AX48   |    |            |            |
| 1 005   | 984          | 38,75         | 10           | 6       | PHG ZX38.75  | 1 280         | 1 245        | 49,00  | 13    | 8     | PHG AX49   |    |            |            |
| 1 025   | 1 003        | 39,50         | 10           | 6       | PHG ZX39.5   | 1 300         | 1 270        | 50,00  | 13    | 8     | PHG AX50   |    |            |            |
| 1 035   | 1 016        | 40,00         | 10           | 6       | PHG ZX40     | 1 330         | 1 295        | 51,00  | 13    | 8     | PHG AX51   |    |            |            |
| 1 050   | 1 035        | 40,75         | 10           | 6       | PHG ZX40.75  | 1 360         | 1 321        | 52,00  | 13    | 8     | PHG AX52   |    |            |            |
| 1 055   | 1 041        | 41,00         | 10           | 6       | PHG ZX41     | 1 380         | 1 346        | 53,00  | 13    | 8     | PHG AX53   |    |            |            |
| 1 075   | 1 054        | 41,50         | 10           | 6       | PHG ZX41.5   | 1 410         | 1 372        | 54,00  | 13    | 8     | PHG AX54   |    |            |            |
| 1 080   | 1 067        | 42,00         | 10           | 6       | PHG ZX42     | 1 430         | 1 397        | 55,00  | 13    | 8     | PHG AX55   |    |            |            |
| 1 105   | 1 092        | 43,00         | 10           | 6       | PHG ZX43     | 1 460         | 1 422        | 56,00  | 13    | 8     | PHG AX56   |    |            |            |
| 1 125   | 1 105        | 43,50         | 10           | 6       | PHG ZX43.5   | 1 480         | 1 448        | 57,00  | 13    | 8     | PHG AX57   |    |            |            |
| 1 130   | 1 118        | 44,00         | 10           | 6       | PHG ZX44     | 1 510         | 1 473        | 58,00  | 13    | 8     | PHG AX58   |    |            |            |
| 1 155   | 1 143        | 45,00         | 10           | 6       | PHG ZX45     | 1 530         | 1 499        | 59,00  | 13    | 8     | PHG AX59   |    |            |            |
| 1 170   | 1 149        | 45,25         | 10           | 6       | PHG ZX45.25  | 1 550         | 1 524        | 60,00  | 13    | 8     | PHG AX60   |    |            |            |
| 1 200   | 1 181        | 46,50         | 10           | 6       | PHG ZX46.5   | 1 580         | 1 549        | 61,00  | 13    | 8     | PHG AX61   |    |            |            |
| 1 230   | 1 207        | 47,50         | 10           | 6       | PHG ZX47.5   | 1 610         | 1 575        | 62,00  | 13    | 8     | PHG AX62   |    |            |            |
| 1 255   | 1 232        | 48,50         | 10           | 6       | PHG ZX48.5   | 1 640         | 1 600        | 63,00  | 13    | 8     | PHG AX63   |    |            |            |
| 1 290   | 1 270        | 50,00         | 10           | 6       | PHG ZX50     | 1 660         | 1 626        | 64,00  | 13    | 8     | PHG AX64   |    |            |            |
| 1 340   | 1 321        | 52,00         | 10           | 6       | PHG ZX52     | 1 690         | 1 651        | 65,00  | 13    | 8     | PHG AX65   |    |            |            |
| 1 380   | 1 346        | 53,00         | 10           | 6       | PHG ZX53     | 1 710         | 1 676        | 66,00  | 13    | 8     | PHG AX66   |    |            |            |
| 1 390   | 1 372        | 54,00         | 10           | 6       | PHG ZX54     | 1 740         | 1 702        | 67,00  | 13    | 8     | PHG AX67   |    |            |            |
| 1 420   | 1 397        | 55,00         | 10           | 6       | PHG ZX55     | 1 760         | 1 727        | 68,00  | 13    | 8     | PHG AX68   |    |            |            |
| 1 465   | 1 448        | 57,00         | 10           | 6       | PHG ZX57     | 1 790         | 1 753        | 69,00  | 13    | 8     | PHG AX69   |    |            |            |
| 1 515   | 1 499        | 59,00         | 10           | 6       | PHG ZX59     | 1 810         | 1 778        | 70,00  | 13    | 8     | PHG AX70   |    |            |            |
| 1 570   | 1 549        | 61,00         | 10           | 6       | PHG ZX61     | 1 840         | 1 803        | 71,00  | 13    | 8     | PHG AX71   |    |            |            |
| 1 620   | 1 600        | 63,00         | 10           | 6       | PHG ZX63     | 1 860         | 1 829        | 72,00  | 13    | 8     | PHG AX72   |    |            |            |
| 1 670   | 1 651        | 65,00         | 10           | 6       | PHG ZX65     |               |              |        |       |       |            |    |            |            |

Non-standard lengths are also available.

# SKF Cogged Raw Edge Classical Belts

X13/AX | X17/BX | X22/CX

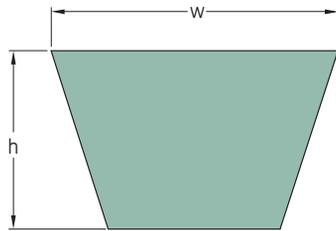


| Section | Dimensions   |               | Designations | Section | Dimensions   |               | Designations |        |       |       |           |          |          |
|---------|--------------|---------------|--------------|---------|--------------|---------------|--------------|--------|-------|-------|-----------|----------|----------|
|         | Pitch length | Inside length |              |         | Pitch length | Inside length |              |        |       |       |           |          |          |
|         |              |               | w            |         |              |               | h            |        |       |       |           |          |          |
|         | mm           | in.           | mm           |         | mm           | in.           | mm           |        |       |       |           |          |          |
| X13/AX  | 1 890        | 1 854         | 73,00        | 13      | 8            | PHG AX73      | X17/BX       | 1 370  | 1 321 | 52,00 | 17        | 11       | PHG BX52 |
|         | 1 920        | 1 880         | 74,00        | 13      | 8            | PHG AX74      |              | 1 390  | 1 346 | 53,00 | 17        | 11       | PHG BX53 |
|         | 1 940        | 1 905         | 75,00        | 13      | 8            | PHG AX75      |              | 1 410  | 1 372 | 54,00 | 17        | 11       | PHG BX54 |
|         | 1 960        | 1 930         | 76,00        | 13      | 8            | PHG AX76      |              | 1 440  | 1 397 | 55,00 | 17        | 11       | PHG BX55 |
|         | 1 990        | 1 956         | 77,00        | 13      | 8            | PHG AX77      |              | 1 460  | 1 422 | 56,00 | 17        | 11       | PHG BX56 |
|         | 2 020        | 1 981         | 78,00        | 13      | 8            | PHG AX78      |              | 1 490  | 1 448 | 57,00 | 17        | 11       | PHG BX57 |
|         | 2 050        | 2 007         | 79,00        | 13      | 8            | PHG AX79      |              | 1 510  | 1 473 | 58,00 | 17        | 11       | PHG BX58 |
|         | 2 070        | 2 032         | 80,00        | 13      | 8            | PHG AX80      |              | 1 540  | 1 499 | 59,00 | 17        | 11       | PHG BX59 |
|         | 2 090        | 2 057         | 81,00        | 13      | 8            | PHG AX81      |              | 1 560  | 1 524 | 60,00 | 17        | 11       | PHG BX60 |
|         | 2 120        | 2 083         | 82,00        | 13      | 8            | PHG AX82      |              | 1 590  | 1 549 | 61,00 | 17        | 11       | PHG BX61 |
| 2 140   | 2 108        | 83,00         | 13           | 8       | PHG AX83     | 1 620         | 1 575        | 62,00  | 17    | 11    | PHG BX62  |          |          |
| 2 170   | 2 134        | 84,00         | 13           | 8       | PHG AX84     | 1 640         | 1 600        | 63,00  | 17    | 11    | PHG BX63  |          |          |
| 2 200   | 2 159        | 85,00         | 13           | 8       | PHG AX85     | 1 670         | 1 626        | 64,00  | 17    | 11    | PHG BX64  |          |          |
| 2 220   | 2 184        | 86,00         | 13           | 8       | PHG AX86     | 1 690         | 1 651        | 65,00  | 17    | 11    | PHG BX65  |          |          |
| 2 240   | 2 210        | 87,00         | 13           | 8       | PHG AX87     | 1 720         | 1 676        | 66,00  | 17    | 11    | PHG BX66  |          |          |
| 2 270   | 2 235        | 88,00         | 13           | 8       | PHG AX88     | 1 740         | 1 702        | 67,00  | 17    | 11    | PHG BX67  |          |          |
| 2 300   | 2 261        | 89,00         | 13           | 8       | PHG AX89     | 1 760         | 1 727        | 68,00  | 17    | 11    | PHG BX68  |          |          |
| 2 320   | 2 286        | 90,00         | 13           | 8       | PHG AX90     | 1 800         | 1 753        | 69,00  | 17    | 11    | PHG BX69  |          |          |
| 2 350   | 2 311        | 91,00         | 13           | 8       | PHG AX91     | 1 820         | 1 778        | 70,00  | 17    | 11    | PHG BX70  |          |          |
| 2 400   | 2 362        | 93,00         | 13           | 8       | PHG AX93     | 1 850         | 1 803        | 71,00  | 17    | 11    | PHG BX71  |          |          |
| 2 420   | 2 388        | 94,00         | 13           | 8       | PHG AX94     | 1 870         | 1 829        | 72,00  | 17    | 11    | PHG BX72  |          |          |
| 2 450   | 2 413        | 95,00         | 13           | 8       | PHG AX95     | 1 900         | 1 854        | 73,00  | 17    | 11    | PHG BX73  |          |          |
| 2 480   | 2 438        | 96,00         | 13           | 8       | PHG AX96     | 1 920         | 1 880        | 74,00  | 17    | 11    | PHG BX74  |          |          |
| 2 500   | 2 464        | 97,00         | 13           | 8       | PHG AX97     | 1 950         | 1 905        | 75,00  | 17    | 11    | PHG BX75  |          |          |
| 2 520   | 2 489        | 98,00         | 13           | 8       | PHG AX98     | 1 970         | 1 930        | 76,00  | 17    | 11    | PHG BX76  |          |          |
| 2 570   | 2 540        | 100,00        | 13           | 8       | PHG AX100    | 2 000         | 1 956        | 77,00  | 17    | 11    | PHG BX77  |          |          |
| 2 650   | 2 616        | 103,00        | 13           | 8       | PHG AX103    | 2 020         | 1 981        | 78,00  | 17    | 11    | PHG BX78  |          |          |
| 2 680   | 2 642        | 104,00        | 13           | 8       | PHG AX104    | 2 050         | 2 007        | 79,00  | 17    | 11    | PHG BX79  |          |          |
| 2 700   | 2 667        | 105,00        | 13           | 8       | PHG AX105    | 2 070         | 2 032        | 80,00  | 17    | 11    | PHG BX80  |          |          |
| 2 830   | 2 794        | 110,00        | 13           | 8       | PHG AX110    | 2 100         | 2 057        | 81,00  | 17    | 11    | PHG BX81  |          |          |
| 2 880   | 2 845        | 112,00        | 13           | 8       | PHG AX112    | 2 130         | 2 083        | 82,00  | 17    | 11    | PHG BX82  |          |          |
| 3 030   | 2 997        | 118,00        | 13           | 8       | PHG AX118    | 2 150         | 2 108        | 83,00  | 17    | 11    | PHG BX83  |          |          |
| 3 190   | 3 150        | 124,00        | 13           | 8       | PHG AX124    | 2 180         | 2 134        | 84,00  | 17    | 11    | PHG BX84  |          |          |
| 3 390   | 3 353        | 132,00        | 13           | 8       | PHG AX132    | 2 200         | 2 159        | 85,00  | 17    | 11    | PHG BX85  |          |          |
|         |              |               |              |         |              | 2 230         | 2 184        | 86,00  | 17    | 11    | PHG BX86  |          |          |
| X17/BX  | 624          | 584           | 23,00        | 17      | 11           | PHG BX23      | 2 250        | 2 210  | 87,00 | 17    | 11        | PHG BX87 |          |
|         | 675          | 635           | 25,00        | 17      | 11           | PHG BX25      | 2 280        | 2 235  | 88,00 | 17    | 11        | PHG BX88 |          |
|         | 700          | 660           | 26,00        | 17      | 11           | PHG BX26      | 2 300        | 2 261  | 89,00 | 17    | 11        | PHG BX89 |          |
|         | 750          | 711           | 28,00        | 17      | 11           | PHG BX28      | 2 330        | 2 286  | 90,00 | 17    | 11        | PHG BX90 |          |
|         | 770          | 737           | 29,00        | 17      | 11           | PHG BX29      | 2 350        | 2 311  | 91,00 | 17    | 11        | PHG BX91 |          |
|         | 800          | 762           | 30,00        | 17      | 11           | PHG BX30      | 2 380        | 2 337  | 92,00 | 17    | 11        | PHG BX92 |          |
|         | 830          | 787           | 31,00        | 17      | 11           | PHG BX31      | 2 400        | 2 362  | 93,00 | 17    | 11        | PHG BX93 |          |
|         | 860          | 813           | 32,00        | 17      | 11           | PHG BX32      | 2 420        | 2 388  | 94,00 | 17    | 11        | PHG BX94 |          |
|         | 880          | 838           | 33,00        | 17      | 11           | PHG BX33      | 2 450        | 2 413  | 95,00 | 17    | 11        | PHG BX95 |          |
|         | 910          | 864           | 34,00        | 17      | 11           | PHG BX34      | 2 480        | 2 438  | 96,00 | 17    | 11        | PHG BX96 |          |
| 920     | 876          | 34,50         | 17           | 11      | PHG BX34.5   | 2 500         | 2 464        | 97,00  | 17    | 11    | PHG BX97  |          |          |
| 930     | 889          | 35,00         | 17           | 11      | PHG BX35     | 2 530         | 2 489        | 98,00  | 17    | 11    | PHG BX98  |          |          |
| 960     | 914          | 36,00         | 17           | 11      | PHG BX36     | 2 560         | 2 515        | 99,00  | 17    | 11    | PHG BX99  |          |          |
| 980     | 940          | 37,00         | 17           | 11      | PHG BX37     | 2 580         | 2 540        | 100,00 | 17    | 11    | PHG BX100 |          |          |
| 1 000   | 965          | 38,00         | 17           | 11      | PHG BX38     | 2 660         | 2 616        | 103,00 | 17    | 11    | PHG BX103 |          |          |
| 1 030   | 991          | 39,00         | 17           | 11      | PHG BX39     | 2 680         | 2 642        | 104,00 | 17    | 11    | PHG BX104 |          |          |
| 1 060   | 1 016        | 40,00         | 17           | 11      | PHG BX40     | 2 700         | 2 667        | 105,00 | 17    | 11    | PHG BX105 |          |          |
| 1 080   | 1 041        | 41,00         | 17           | 11      | PHG BX41     | 2 740         | 2 692        | 106,00 | 17    | 11    | PHG BX106 |          |          |
| 1 100   | 1 067        | 42,00         | 17           | 11      | PHG BX42     | 2 790         | 2 743        | 108,00 | 17    | 11    | PHG BX108 |          |          |
| 1 130   | 1 092        | 43,00         | 17           | 11      | PHG BX43     | 2 840         | 2 794        | 110,00 | 17    | 11    | PHG BX110 |          |          |
| 1 160   | 1 118        | 44,00         | 17           | 11      | PHG BX44     | 2 890         | 2 845        | 112,00 | 17    | 11    | PHG BX112 |          |          |
| 1 180   | 1 143        | 45,00         | 17           | 11      | PHG BX45     | 2 910         | 2 870        | 113,00 | 17    | 11    | PHG BX113 |          |          |
| 1 195   | 1 156        | 45,50         | 17           | 11      | PHG BX45.5   | 2 960         | 2 921        | 115,00 | 17    | 11    | PHG BX115 |          |          |
| 1 210   | 1 168        | 46,00         | 17           | 11      | PHG BX46     | 2 990         | 2 946        | 116,00 | 17    | 11    | PHG BX116 |          |          |
| 1 225   | 1 181        | 46,50         | 17           | 11      | PHG BX46.5   | 3 040         | 2 997        | 118,00 | 17    | 11    | PHG BX118 |          |          |
| 1 240   | 1 194        | 47,00         | 17           | 11      | PHG BX47     | 3 090         | 3 048        | 120,00 | 17    | 11    | PHG BX120 |          |          |
| 1 260   | 1 219        | 48,00         | 17           | 11      | PHG BX48     | 3 165         | 3 124        | 123,00 | 17    | 11    | PHG BX123 |          |          |
| 1 290   | 1 245        | 49,00         | 17           | 11      | PHG BX49     | 3 200         | 3 150        | 124,00 | 17    | 11    | PHG BX124 |          |          |
| 1 310   | 1 270        | 50,00         | 17           | 11      | PHG BX50     | 3 240         | 3 200        | 126,00 | 17    | 11    | PHG BX126 |          |          |
| 1 340   | 1 295        | 51,00         | 17           | 11      | PHG BX51     | 3 290         | 3 251        | 128,00 | 17    | 11    | PHG BX128 |          |          |
|         |              |               |              |         |              | 3 400         | 3 353        | 132,00 | 17    | 11    | PHG BX132 |          |          |

Non-standard lengths are also available.

# SKF Cogged Raw Edge Classical Belts

X22/CX

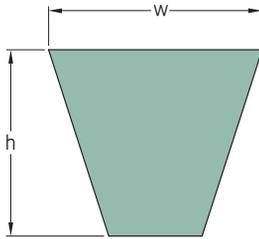


| Section | Dimensions   |               | Designations |    |           |           |
|---------|--------------|---------------|--------------|----|-----------|-----------|
|         | Pitch length | Inside length | w            | h  |           |           |
|         | mm           | in.           | mm           |    |           |           |
| X22/CX  | 1 050        | 991           | 39,00        | 22 | 14        | PHG CX39  |
|         | 1 150        | 1 092         | 43,00        | 22 | 14        | PHG CX43  |
|         | 1 300        | 1 245         | 49,00        | 22 | 14        | PHG CX49  |
|         | 1 350        | 1 295         | 51,00        | 22 | 14        | PHG CX51  |
|         | 1 370        | 1 321         | 52,00        | 22 | 14        | PHG CX52  |
|         | 1 450        | 1 397         | 55,00        | 22 | 14        | PHG CX55  |
|         | 1 560        | 1 499         | 59,00        | 22 | 14        | PHG CX59  |
|         | 1 580        | 1 524         | 60,00        | 22 | 14        | PHG CX60  |
|         | 1 630        | 1 575         | 62,00        | 22 | 14        | PHG CX62  |
|         | 1 760        | 1 702         | 67,00        | 22 | 14        | PHG CX67  |
|         | 1 780        | 1 727         | 68,00        | 22 | 14        | PHG CX68  |
|         | 1 860        | 1 803         | 71,00        | 22 | 14        | PHG CX71  |
|         | 1 880        | 1 829         | 72,00        | 22 | 14        | PHG CX72  |
|         | 1 950        | 1 905         | 75,00        | 22 | 14        | PHG CX75  |
|         | 2 040        | 1 981         | 78,00        | 22 | 14        | PHG CX78  |
|         | 2 060        | 2 007         | 79,00        | 22 | 14        | PHG CX79  |
|         | 2 110        | 2 057         | 81,00        | 22 | 14        | PHG CX81  |
|         | 2 220        | 2 159         | 85,00        | 22 | 14        | PHG CX85  |
|         | 2 290        | 2 235         | 88,00        | 22 | 14        | PHG CX88  |
|         | 2 340        | 2 286         | 90,00        | 22 | 14        | PHG CX90  |
|         | 2 420        | 2 362         | 93,00        | 22 | 14        | PHG CX93  |
|         | 2 490        | 2 438         | 96,00        | 22 | 14        | PHG CX96  |
|         | 2 550        | 2 489         | 98,00        | 22 | 14        | PHG CX98  |
|         | 2 600        | 2 540         | 100,00       | 22 | 14        | PHG CX100 |
|         | 2 620        | 2 565         | 101,00       | 22 | 14        | PHG CX101 |
|         | 2 720        | 2 667         | 105,00       | 22 | 14        | PHG CX105 |
|         | 2 825        | 2 769         | 109,00       | 22 | 14        | PHG CX109 |
|         | 2 850        | 2 794         | 110,00       | 22 | 14        | PHG CX110 |
|         | 2 880        | 2 819         | 111,00       | 22 | 14        | PHG CX111 |
|         | 2 900        | 2 845         | 112,00       | 22 | 14        | PHG CX112 |
|         | 2 980        | 2 921         | 115,00       | 22 | 14        | PHG CX115 |
|         | 3 050        | 2 997         | 118,00       | 22 | 14        | PHG CX118 |
|         | 3 100        | 3 048         | 120,00       | 22 | 14        | PHG CX120 |
|         | 3 210        | 3 150         | 124,00       | 22 | 14        | PHG CX124 |
|         | 3 310        | 3 251         | 128,00       | 22 | 14        | PHG CX128 |
| 3 410   | 3 353        | 132,00        | 22           | 14 | PHG CX132 |           |

Non-standard lengths are also available.

# SKF Cogged Raw Edge Narrow Wedge Belts

3VX/9NX | 5VX/15NX



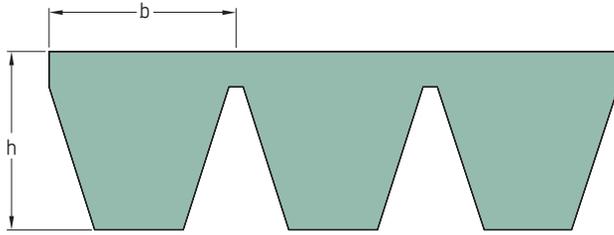
| Section  | Dimensions   |       |    |    | Designations |
|----------|--------------|-------|----|----|--------------|
|          | Pitch length |       | w  | h  |              |
|          | mm           | in.   | mm |    |              |
| 3VX/9NX  | 635          | 25,0  | 9  | 8  | PHG 3VX250   |
|          | 673          | 26,5  | 9  | 8  | PHG 3VX265   |
|          | 711          | 28,0  | 9  | 8  | PHG 3VX280   |
|          | 762          | 30,0  | 9  | 8  | PHG 3VX300   |
|          | 800          | 31,5  | 9  | 8  | PHG 3VX315   |
|          | 851          | 33,5  | 9  | 8  | PHG 3VX335   |
|          | 902          | 35,5  | 9  | 8  | PHG 3VX355   |
|          | 953          | 37,5  | 9  | 8  | PHG 3VX375   |
|          | 1 016        | 40,0  | 9  | 8  | PHG 3VX400   |
|          | 1 080        | 42,5  | 9  | 8  | PHG 3VX425   |
|          | 1 143        | 45,0  | 9  | 8  | PHG 3VX450   |
|          | 1 207        | 47,5  | 9  | 8  | PHG 3VX475   |
|          | 1 270        | 50,0  | 9  | 8  | PHG 3VX500   |
|          | 1 346        | 53,0  | 9  | 8  | PHG 3VX530   |
|          | 1 422        | 56,0  | 9  | 8  | PHG 3VX560   |
|          | 1 524        | 60,0  | 9  | 8  | PHG 3VX600   |
|          | 1 600        | 63,0  | 9  | 8  | PHG 3VX630   |
|          | 1 702        | 67,0  | 9  | 8  | PHG 3VX670   |
|          | 1 803        | 71,0  | 9  | 8  | PHG 3VX710   |
|          | 1 905        | 75,0  | 9  | 8  | PHG 3VX750   |
|          | 2 032        | 80,0  | 9  | 8  | PHG 3VX800   |
|          | 2 159        | 85,0  | 9  | 8  | PHG 3VX850   |
|          | 2 286        | 90,0  | 9  | 8  | PHG 3VX900   |
|          | 2 413        | 95,0  | 9  | 8  | PHG 3VX950   |
|          | 2 540        | 100,0 | 9  | 8  | PHG 3VX1000  |
|          | 2 692        | 106,0 | 9  | 8  | PHG 3VX1060  |
|          | 2 845        | 112,0 | 9  | 8  | PHG 3VX1120  |
|          | 2 997        | 118,0 | 9  | 8  | PHG 3VX1180  |
|          | 3 175        | 125,0 | 9  | 8  | PHG 3VX1250  |
|          | 3 353        | 132,0 | 9  | 8  | PHG 3VX1320  |
|          | 3 556        | 140,0 | 9  | 8  | PHG 3VX1400  |
|          | 3 810        | 150,0 | 9  | 8  | PHG 3VX1500  |
| 5VX/15NX | 1 270        | 50,0  | 15 | 13 | PHG 5VX500   |
|          | 1 346        | 53,0  | 15 | 13 | PHG 5VX530   |
|          | 1 422        | 56,0  | 15 | 13 | PHG 5VX560   |
|          | 1 524        | 60,0  | 15 | 13 | PHG 5VX600   |
|          | 1 600        | 63,0  | 15 | 13 | PHG 5VX630   |
|          | 1 702        | 67,0  | 15 | 13 | PHG 5VX670   |
|          | 1 803        | 71,0  | 15 | 13 | PHG 5VX710   |
|          | 1 905        | 75,0  | 15 | 13 | PHG 5VX750   |
|          | 2 032        | 80,0  | 15 | 13 | PHG 5VX800   |
|          | 2 159        | 85,0  | 15 | 13 | PHG 5VX850   |
|          | 2 286        | 90,0  | 15 | 13 | PHG 5VX900   |
|          | 2 413        | 95,0  | 15 | 13 | PHG 5VX950   |
|          | 2 540        | 100,0 | 15 | 13 | PHG 5VX1000  |
|          | 2 692        | 106,0 | 15 | 13 | PHG 5VX1060  |
|          | 2 845        | 112,0 | 15 | 13 | PHG 5VX1120  |
|          | 2 997        | 118,0 | 15 | 13 | PHG 5VX1180  |
|          | 3 175        | 125,0 | 15 | 13 | PHG 5VX1250  |
|          | 3 353        | 132,0 | 15 | 13 | PHG 5VX1320  |
|          | 3 556        | 140,0 | 15 | 13 | PHG 5VX1400  |
|          | 3 810        | 150,0 | 15 | 13 | PHG 5VX1500  |
|          | 4 064        | 160,0 | 15 | 13 | PHG 5VX1600  |
|          | 4 318        | 170,0 | 15 | 13 | PHG 5VX1700  |

Non-standard lengths are also available.



# SKF Banded Wedge Belts

SPA | SPB | SPC



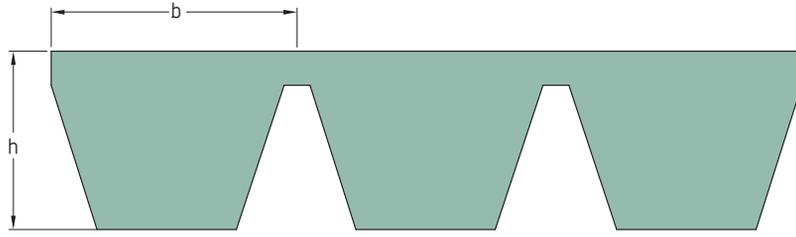
| Section | Dimensions<br>Pitch length |      |                 | Designations    |
|---------|----------------------------|------|-----------------|-----------------|
|         |                            | b    | h               |                 |
| -       | mm                         | mm   |                 | -               |
| SPA     | 1 250                      | 12,8 | 12,0            | PHG SPA1250X... |
|         | 1 400                      | 12,8 | 12,0            | PHG SPA1400X... |
|         | 1 500                      | 12,8 | 12,0            | PHG SPA1500X... |
|         | 1 600                      | 12,8 | 12,0            | PHG SPA1600X... |
|         | 1 700                      | 12,8 | 12,0            | PHG SPA1700X... |
|         | 1 800                      | 12,8 | 12,0            | PHG SPA1800X... |
|         | 1 900                      | 12,8 | 12,0            | PHG SPA1900X... |
|         | 2 000                      | 12,8 | 12,0            | PHG SPA2000X... |
|         | 2 120                      | 12,8 | 12,0            | PHG SPA2120X... |
|         | 2 240                      | 12,8 | 12,0            | PHG SPA2240X... |
|         | 2 360                      | 12,8 | 12,0            | PHG SPA2360X... |
|         | 2 500                      | 12,8 | 12,0            | PHG SPA2500X... |
|         | 2 650                      | 12,8 | 12,0            | PHG SPA2650X... |
|         | 2 800                      | 12,8 | 12,0            | PHG SPA2800X... |
|         | 3 000                      | 12,8 | 12,0            | PHG SPA3000X... |
|         | 3 150                      | 12,8 | 12,0            | PHG SPA3150X... |
|         | 3 350                      | 12,8 | 12,0            | PHG SPA3350X... |
|         | 3 550                      | 12,8 | 12,0            | PHG SPA3550X... |
|         | 3 750                      | 12,8 | 12,0            | PHG SPA3750X... |
|         | 4 000                      | 12,8 | 12,0            | PHG SPA4000X... |
| 4 250   | 12,8                       | 12,0 | PHG SPA4250X... |                 |
| 4 500   | 12,8                       | 12,0 | PHG SPA4500X... |                 |
| SPB     | 2 000                      | 16,5 | 15,6            | PHG SPB2000X... |
|         | 2 120                      | 16,5 | 15,6            | PHG SPB2120X... |
|         | 2 240                      | 16,5 | 15,6            | PHG SPB2240X... |
|         | 2 360                      | 16,5 | 15,6            | PHG SPB2360X... |
|         | 2 500                      | 16,5 | 15,6            | PHG SPB2500X... |
|         | 2 650                      | 16,5 | 15,6            | PHG SPB2650X... |
|         | 2 800                      | 16,5 | 15,6            | PHG SPB2800X... |
|         | 3 000                      | 16,5 | 15,6            | PHG SPB3000X... |
|         | 3 150                      | 16,5 | 15,6            | PHG SPB3150X... |
|         | 3 350                      | 16,5 | 15,6            | PHG SPB3350X... |
|         | 3 550                      | 16,5 | 15,6            | PHG SPB3550X... |
|         | 3 750                      | 16,5 | 15,6            | PHG SPB3750X... |
|         | 4 000                      | 16,5 | 15,6            | PHG SPB4000X... |
|         | 4 250                      | 16,5 | 15,6            | PHG SPB4250X... |
|         | 4 500                      | 16,5 | 15,6            | PHG SPB4500X... |
|         | 4 750                      | 16,5 | 15,6            | PHG SPB4750X... |
|         | 5 000                      | 16,5 | 15,6            | PHG SPB5000X... |
|         | 5 300                      | 16,5 | 15,6            | PHG SPB5300X... |
|         | 5 600                      | 16,5 | 15,6            | PHG SPB5600X... |
|         | 6 000                      | 16,5 | 15,6            | PHG SPB6000X... |
| 6 300   | 16,5                       | 15,6 | PHG SPB6300X... |                 |
| 6 700   | 16,5                       | 15,6 | PHG SPB6700X... |                 |
| 7 100   | 16,5                       | 15,6 | PHG SPB7100X... |                 |
| 7 500   | 16,5                       | 15,6 | PHG SPB7500X... |                 |
| 8 000   | 16,5                       | 15,6 | PHG SPB8000X... |                 |
| SPC     | 3 000                      | 22,0 | 22,6            | PHG SPC3000X... |
|         | 3 150                      | 22,0 | 22,6            | PHG SPC3150X... |
|         | 3 350                      | 22,0 | 22,6            | PHG SPC3350X... |
|         | 3 550                      | 22,0 | 22,6            | PHG SPC3550X... |
|         | 3 750                      | 22,0 | 22,6            | PHG SPC3750X... |
|         | 4 000                      | 22,0 | 22,6            | PHG SPC4000X... |
|         | 4 250                      | 22,0 | 22,6            | PHG SPC4250X... |
|         | 4 500                      | 22,0 | 22,6            | PHG SPC4500X... |
|         | 4 750                      | 22,0 | 22,6            | PHG SPC4750X... |
|         | 5 000                      | 22,0 | 22,6            | PHG SPC5000X... |
|         | 5 300                      | 22,0 | 22,6            | PHG SPC5300X... |
|         | 5 600                      | 22,0 | 22,6            | PHG SPC5600X... |
|         | 6 000                      | 22,0 | 22,6            | PHG SPC6000X... |
|         | 6 300                      | 22,0 | 22,6            | PHG SPC6300X... |
|         | 6 700                      | 22,0 | 22,6            | PHG SPC6700X... |

| Section | Dimensions<br>Pitch length |      |                  | Designations     |
|---------|----------------------------|------|------------------|------------------|
|         |                            | b    | h                |                  |
| -       | mm                         | mm   |                  | -                |
| SPC     | 7 100                      | 22,0 | 22,6             | PHG SPC7100X...  |
|         | 7 500                      | 22,0 | 22,6             | PHG SPC7500X...  |
|         | 8 000                      | 22,0 | 22,6             | PHG SPC8000X...  |
|         | 8 500                      | 22,0 | 22,6             | PHG SPC8500X...  |
|         | 9 000                      | 22,0 | 22,6             | PHG SPC9000X...  |
|         | 9 500                      | 22,0 | 22,6             | PHG SPC9500X...  |
|         | 10 000                     | 22,0 | 22,6             | PHG SPC10000X... |
|         | 10 600                     | 22,0 | 22,6             | PHG SPC10600X... |
|         | 11 200                     | 22,0 | 22,6             | PHG SPC11200X... |
|         | 11 800                     | 22,0 | 22,6             | PHG SPC11800X... |
| 12 500  | 22,0                       | 22,6 | PHG SPC12500X... |                  |

Non-standard lengths are also available.  
To complete designation, add number of bands. For example, PHG SPC8000X4.

# SKF Banded Classical Belts

13/A | 17/B | 22/C | 32/D

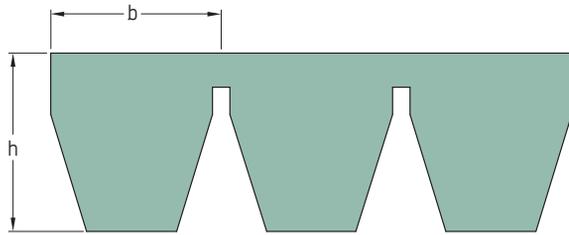


| Section | Dimensions   |               | Designations |       | Section | Dimensions   |       | Designations |              |              |              |
|---------|--------------|---------------|--------------|-------|---------|--------------|-------|--------------|--------------|--------------|--------------|
|         | Pitch length | Inside length | b            | h     |         | Pitch length | b     | h            |              |              |              |
| -       | mm           | in.           | mm           | -     | -       | mm           | in.   | mm           | -            |              |              |
| 13/A    | 1 230        | 47,0          | 13           | 9,9   | 22/C    | 2 340        | 90,0  | 22           | 16,2         | PHG C90X...  |              |
|         | 1 330        | 51,0          | 13           | 9,9   |         | 2 550        | 98,0  | 22           | 16,2         | PHG C98X...  |              |
|         | 1 460        | 56,0          | 13           | 9,9   |         | 2 800        | 108,0 | 22           | 16,2         | PHG C108X... |              |
|         | 1 480        | 57,0          | 13           | 9,9   |         | 3 100        | 120,0 | 22           | 16,2         | PHG C120X... |              |
|         | 1 530        | 59,0          | 13           | 9,9   |         | 3 310        | 128,0 | 22           | 16,2         | PHG C128X... |              |
|         | 1 660        | 64,0          | 13           | 9,9   |         | 3 610        | 140,0 | 22           | 16,2         | PHG C140X... |              |
|         | 1 740        | 67,0          | 13           | 9,9   |         | 3 760        | 146,0 | 22           | 16,2         | PHG C146X... |              |
|         | 1 840        | 71,0          | 13           | 9,9   |         | 3 895        | 151,0 | 22           | 16,2         | PHG C151X... |              |
|         | 1 940        | 75,0          | 13           | 9,9   |         | 4 300        | 167,0 | 22           | 16,2         | PHG C167X... |              |
|         | 2 050        | 79,0          | 13           | 9,9   |         | 4 560        | 177,0 | 22           | 16,2         | PHG C177X... |              |
|         | 2 270        | 88,0          | 13           | 9,9   |         | 4 810        | 187,0 | 22           | 16,2         | PHG C187X... |              |
|         | 2 520        | 98,0          | 13           | 9,9   |         | 5 060        | 197,0 | 22           | 16,2         | PHG C197X... |              |
|         | 2 570        | 100,0         | 13           | 9,9   |         | 5 340        | 208,0 | 22           | 16,2         | PHG C208X... |              |
|         | 2 680        | 104,0         | 13           | 9,9   |         | 5 640        | 220,0 | 22           | 16,2         | PHG C220X... |              |
|         | 2 880        | 112,0         | 13           | 9,9   |         | 6 050        | 236,0 | 22           | 16,2         | PHG C236X... |              |
|         | 3 080        | 120,0         | 13           | 9,9   |         | 6 360        | 248,0 | 22           | 16,2         | PHG C248X... |              |
|         | 3 290        | 128,0         | 13           | 9,9   |         | 32/D         | 4 080 | 158,0        | 32           | 22,4         | PHG D158X... |
|         | 3 690        | 144,0         | 13           | 9,9   |         |              | 4 190 | 162,0        | 32           | 22,4         | PHG D162X... |
| 4 043   | 158,0        | 13            | 9,9          | 4 470 | 173,0   |              | 32    | 22,4         | PHG D173X... |              |              |
| 4 270   | 167,0        | 13            | 9,9          | 4 650 | 180,0   |              | 32    | 22,4         | PHG D180X... |              |              |
| 4 780   | 187,0        | 13            | 9,9          | 5 030 | 195,0   |              | 32    | 22,4         | PHG D195X... |              |              |
| 17/B    | 1 240        | 47,0          | 17           | 13,0  | 5 400   |              | 210,0 | 32           | 22,4         | PHG D210X... |              |
|         | 1 340        | 51,0          | 17           | 13,0  | 5 790   |              | 225,0 | 32           | 22,4         | PHG D225X... |              |
|         | 1 440        | 55,0          | 17           | 13,0  | 6 170   |              | 240,0 | 32           | 22,4         | PHG D240X... |              |
|         | 1 540        | 59,0          | 17           | 13,0  | 6 560   |              | 255,0 | 32           | 22,4         | PHG D255X... |              |
|         | 1 590        | 61,0          | 17           | 13,0  | 6 940   |              | 270,0 | 32           | 22,4         | PHG D270X... |              |
|         | 1 640        | 63,0          | 17           | 13,0  | 7 320   |              | 285,0 | 32           | 22,4         | PHG D285X... |              |
|         | 1 670        | 64,0          | 17           | 13,0  | 7 700   |              | 300,0 | 32           | 22,4         | PHG D300X... |              |
|         | 1 740        | 67,0          | 17           | 13,0  | 8 080   |              | 315,0 | 32           | 22,4         | PHG D315X... |              |
|         | 1 850        | 71,0          | 17           | 13,0  | 8 460   |              | 330,0 | 32           | 22,4         | PHG D330X... |              |
|         | 1 900        | 73,0          | 17           | 13,0  | 8 840   |              | 345,0 | 32           | 22,4         | PHG D345X... |              |
|         | 1 950        | 75,0          | 17           | 13,0  | 9 220   |              | 360,0 | 32           | 22,4         | PHG D360X... |              |
|         | 2 050        | 79,0          | 17           | 13,0  | 9 980   |              | 390,0 | 32           | 22,4         | PHG D390X... |              |
|         | 2 150        | 83,0          | 17           | 13,0  | 10 740  |              | 420,0 | 32           | 22,4         | PHG D420X... |              |
|         | 2 280        | 88,0          | 17           | 13,0  | 11 505  | 450,0        | 32    | 22,4         | PHG D450X... |              |              |
|         | 2 350        | 91,0          | 17           | 13,0  | 12 270  | 480,0        | 32    | 22,4         | PHG D480X... |              |              |
|         | 2 435        | 94,5          | 17           | 13,0  | 13 790  | 540,0        | 32    | 22,4         | PHG D540X... |              |              |
|         | 2 530        | 98,0          | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 2 630        | 102,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 2 740        | 106,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 2 890        | 112,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 3 040        | 118,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 3 090        | 120,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 3 290        | 128,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 3 400        | 132,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 3 600        | 140,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 3 750        | 146,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 3 800        | 148,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 4 060        | 158,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 4 280        | 167,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 4 540        | 177,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 4 800        | 187,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 5 044        | 197,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 5 340        | 208,0         | 17           | 13,0  |         |              |       |              |              |              |              |
|         | 5 630        | 220,0         | 17           | 13,0  |         |              |       |              |              |              |              |

Non-standard lengths are also available.  
To complete designation add number of bands. For example PHG D360X6

# SKF Banded Narrow Wedge Belts

3V/9J | 5V/15J | 8V/25J



| Section | Dimensions   |       | Designations |                |                |
|---------|--------------|-------|--------------|----------------|----------------|
|         | Pitch length |       | b            | h              |                |
| -       | mm           | in.   | mm           | -              |                |
| 3V/9J   | 1 270        | 50    | 9            | 9,9            | PHG 3V500X...  |
|         | 1 346        | 53    | 9            | 9,9            | PHG 3V530X...  |
|         | 1 422        | 56    | 9            | 9,9            | PHG 3V560X...  |
|         | 1 524        | 60    | 9            | 9,9            | PHG 3V600X...  |
|         | 1 600        | 63    | 9            | 9,9            | PHG 3V630X...  |
|         | 1 702        | 67    | 9            | 9,9            | PHG 3V670X...  |
|         | 1 803        | 71    | 9            | 9,9            | PHG 3V710X...  |
|         | 1 905        | 75    | 9            | 9,9            | PHG 3V750X...  |
|         | 2 032        | 80    | 9            | 9,9            | PHG 3V800X...  |
|         | 2 159        | 85    | 9            | 9,9            | PHG 3V850X...  |
|         | 2 286        | 90    | 9            | 9,9            | PHG 3V900X...  |
|         | 2 413        | 95    | 9            | 9,9            | PHG 3V950X...  |
|         | 2 540        | 100   | 9            | 9,9            | PHG 3V1000X... |
|         | 2 692        | 106   | 9            | 9,9            | PHG 3V1060X... |
|         | 2 845        | 112   | 9            | 9,9            | PHG 3V1120X... |
|         | 2 997        | 118   | 9            | 9,9            | PHG 3V1180X... |
|         | 3 175        | 125   | 9            | 9,9            | PHG 3V1250X... |
|         | 5V/15J       | 3 353 | 132          | 9              | 9,9            |
| 3 556   |              | 140   | 9            | 9,9            | PHG 3V1400X... |
| 1 422   |              | 56    | 15           | 15,1           | PHG 5V560X...  |
| 1 524   |              | 60    | 15           | 15,1           | PHG 5V600X...  |
| 1 600   |              | 63    | 15           | 15,1           | PHG 5V630X...  |
| 1 702   |              | 67    | 15           | 15,1           | PHG 5V670X...  |
| 1 803   |              | 71    | 15           | 15,1           | PHG 5V710X...  |
| 1 905   |              | 75    | 15           | 15,1           | PHG 5V750X...  |
| 2 032   |              | 80    | 15           | 15,1           | PHG 5V800X...  |
| 2 159   |              | 85    | 15           | 15,1           | PHG 5V850X...  |
| 2 286   |              | 90    | 15           | 15,1           | PHG 5V900X...  |
| 2 413   |              | 95    | 15           | 15,1           | PHG 5V950X...  |
| 2 540   |              | 100   | 15           | 15,1           | PHG 5V1000X... |
| 2 692   |              | 106   | 15           | 15,1           | PHG 5V1060X... |
| 2 845   |              | 112   | 15           | 15,1           | PHG 5V1120X... |
| 2 997   |              | 118   | 15           | 15,1           | PHG 5V1180X... |
| 3 175   |              | 125   | 15           | 15,1           | PHG 5V1250X... |
| 3 353   |              | 132   | 15           | 15,1           | PHG 5V1320X... |
| 3 556   |              | 140   | 15           | 15,1           | PHG 5V1400X... |
| 3 810   |              | 150   | 15           | 15,1           | PHG 5V1500X... |
| 4 064   |              | 160   | 15           | 15,1           | PHG 5V1600X... |
| 4 318   |              | 170   | 15           | 15,1           | PHG 5V1700X... |
| 4 572   |              | 180   | 15           | 15,1           | PHG 5V1800X... |
| 4 826   |              | 190   | 15           | 15,1           | PHG 5V1900X... |
| 5 080   |              | 200   | 15           | 15,1           | PHG 5V2000X... |
| 5 385   |              | 212   | 15           | 15,1           | PHG 5V2120X... |
| 5 690   |              | 224   | 15           | 15,1           | PHG 5V2240X... |
| 5 994   | 236          | 15    | 15,1         | PHG 5V2360X... |                |
| 6 350   | 250          | 15    | 15,1         | PHG 5V2500X... |                |
| 6 731   | 265          | 15    | 15,1         | PHG 5V2650X... |                |
| 7 112   | 280          | 15    | 15,1         | PHG 5V2800X... |                |
| 7 620   | 300          | 15    | 15,1         | PHG 5V3000X... |                |
| 8 001   | 315          | 15    | 15,1         | PHG 5V3150X... |                |
| 8 509   | 335          | 15    | 15,1         | PHG 5V3350X... |                |

| Section | Dimensions   |     | Designations |                |                |
|---------|--------------|-----|--------------|----------------|----------------|
|         | Pitch length |     | b            | h              |                |
| -       | mm           | in. | mm           | -              |                |
| 8V/25J  | 2 540        | 100 | 25           | 25,5           | PHG 8V1000X... |
|         | 2 692        | 106 | 25           | 25,5           | PHG 8V1060X... |
|         | 2 845        | 112 | 25           | 25,5           | PHG 8V1120X... |
|         | 2 997        | 118 | 25           | 25,5           | PHG 8V1180X... |
|         | 3 175        | 125 | 25           | 25,5           | PHG 8V1250X... |
|         | 3 353        | 132 | 25           | 25,5           | PHG 8V1320X... |
|         | 3 556        | 140 | 25           | 25,5           | PHG 8V1400X... |
|         | 3 810        | 150 | 25           | 25,5           | PHG 8V1500X... |
|         | 4 064        | 160 | 25           | 25,5           | PHG 8V1600X... |
|         | 4 318        | 170 | 25           | 25,5           | PHG 8V1700X... |
|         | 4 572        | 180 | 25           | 25,5           | PHG 8V1800X... |
|         | 4 826        | 190 | 25           | 25,5           | PHG 8V1900X... |
|         | 5 080        | 200 | 25           | 25,5           | PHG 8V2000X... |
|         | 5 385        | 212 | 25           | 25,5           | PHG 8V2120X... |
|         | 5 690        | 224 | 25           | 25,5           | PHG 8V2240X... |
|         | 5 994        | 236 | 25           | 25,5           | PHG 8V2360X... |
|         | 6 350        | 250 | 25           | 25,5           | PHG 8V2500X... |
|         | 6 731        | 265 | 25           | 25,5           | PHG 8V2650X... |
| 7 112   | 280          | 25  | 25,5         | PHG 8V2800X... |                |
| 7 620   | 300          | 25  | 25,5         | PHG 8V3000X... |                |
| 8 001   | 315          | 25  | 25,5         | PHG 8V3150X... |                |
| 8 509   | 335          | 25  | 25,5         | PHG 8V3350X... |                |

Non-standard lengths are also available.  
To complete designation add number of bands. For example PHG 8V3350X3



# 2.0 Timing belts

|  |            |
|--|------------|
| <b>Product features</b>  |            |
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| <b>SKF Timing Belt tables . . . . .</b>  | <b>153</b> |

# SKF HiTD Belts

## Construction details

### Tension members

The tension members (cords) are made from low stretch glass fibre cords.

### Rubber cushion

The rubber cushion is made from a high grade chloroprene compound.

### Tooth wrapping fabric

Heavy duty polyamide industrial fabric.

## Features:

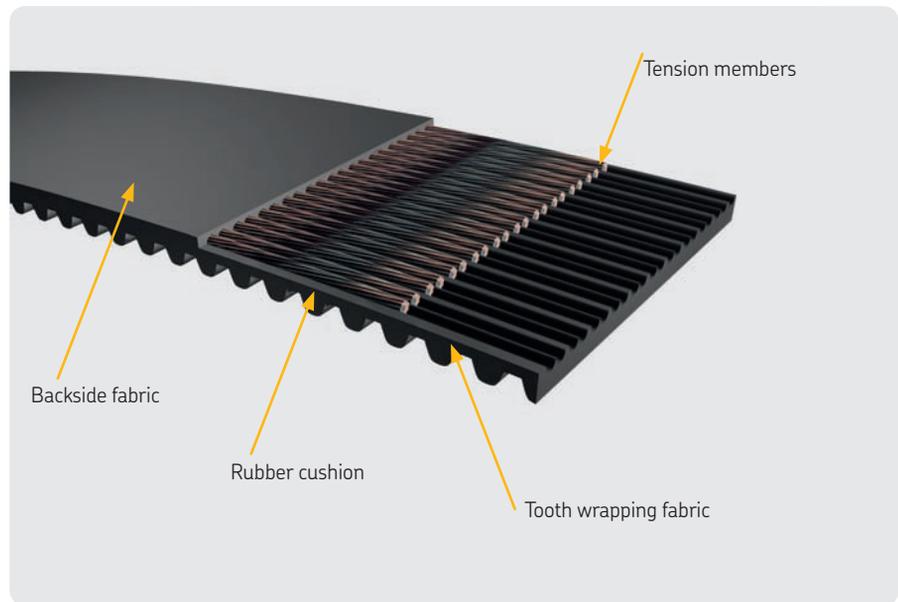
- Moderately oil-resistant
- Temperature range from -25 to +85 °C
- Ozone resistant
- Excellent dimensional stability
- Suitable for tropical climates

## Applications

SKF HiTD Belts have been developed to accommodate all industrial applications within its power rating. For additional information about pulleys and belt crossreferences, contact the SKF application engineering service.

## Standards

ISO 13050



| SKF HiTD Belts |       |              |        |
|----------------|-------|--------------|--------|
| Section        | Pitch | Tooth height | Height |
| — mm           |       |              |        |
| 3M             | 3     | 1,2          | 2,4    |
| 5M             | 5     | 2,1          | 3,6    |
| 8M             | 8     | 3,9          | 5,6    |
| 14M            | 14    | 6,1          | 10,0   |



SKF HiTD Belts used in a HVAC unit

# SKF Classical Timing Belts

## Construction details

### Tension members

The tension members are made from low stretch glass fibre cords.

### Rubber cushion

The rubber cushion is made from a chloroprene compound.

### Tooth wrapping fabric

Polyamide industrial fabric.

## Features:

- Moderately oil-resistant
- Temperature range from  $-25$  to  $+85$  °C
- Ozone resistant
- Excellent dimensional stability
- Suitable for tropical climates

## Applications

SKF Classical Timing Belts have been developed to accommodate all industrial applications using classical and metric timing belt pulleys.

## Standards

ISO 5296-1



| SKF Classical Timing Belts |       |              |        |
|----------------------------|-------|--------------|--------|
| Section                    | Pitch | Tooth height | Height |
| — mm                       |       |              |        |
| MXL                        | 2,03  | 0,51         | 1,1    |
| XL                         | 5,08  | 1,27         | 2,3    |
| L                          | 9,53  | 1,91         | 3,6    |
| H                          | 12,7  | 2,29         | 4,3    |
| XH                         | 22,23 | 6,35         | 11,2   |
| XXH                        | 31,75 | 9,53         | 15,7   |
| T2.5                       | 2,5   | 0,7          | 1,3    |
| T5                         | 5     | 1,2          | 2,2    |
| T10                        | 10    | 2,5          | 4,5    |
| T20                        | 20    | 5            | 8      |



SKF Classical Timing Belts used in a bottling line

# Selection guide for timing belts

## Selection procedure and formulae

Example:

**Driver:** 25 kW electric motor,

1 470 r/min with direct online start.

**Driven:** Rotary compressor, 700 r/min

**Service:** 24 hours /day

Approximate distance between centres = 700 mm

**Tensioning method:**

SKF Belt Frequency Meter

### 1 Service factor ( $C_2$ )

Service factors describe the severity of drive conditions. Refer to **tables 2 and 3** on **page 106**.

Example: Medium duty class, heavy start

$$C_2 = 2,0$$

For speed increasing drives, use correction factors in **table 1** on **page 106**.

### 2 Design power ( $P_d$ )

Multiply drive power and service factor  $C_2$  to get the design power.

$$P_d = P_r C_2$$

Where:

$P_d$  = design power [kW]

$P_r$  = motor rated power or power absorbed by the load [kW]

$C_2$  = service factor

Example:

$$P_d = 25 \times 2,0 = 50 \text{ kW}$$

### 3 Required speed ratio ( $I_r$ )

Divide speed of faster shaft with speed of slower shaft to get the required pulley speed ratio.

$$I_r = \frac{\text{r/min (faster shaft)}}{\text{r/min (slower shaft)}}$$

Example:

$$I_r = \frac{1\,470}{700} = 2,1$$

### 4 Belt cross section

Refer to **diagrams 1 and 2** on **page 107** for the appropriate belt cross section based on speed and design power.

Example: The diagrams suggest section 8M or 14M for the given drive parameters. As the driven machine is classified heavy start, the selected section is 14M.

### 5 A. If selected belt cross section is:

**HiTD 5M, 8M, 14M**

Refer to corresponding centre distance tables **4a to 4r** on **pages 108 to 125** to get:

Belt pitch length ( $L_p$ )  
Design centre distance ( $C_d$ )  
Number of teeth of pulleys ( $Z_s, Z_l$ )

Example:

Centre distance table for section HiTD is available on **pages 118 to 126**.

Speed ratio: 2,1

Belt length: 2 100 mm

CC distance 735,3 mm

$Z_s = 29$

$Z_l = 60$

$d = 129,2 \text{ mm}$

$D = 267,3 \text{ mm}$

Continue with **step 10**

### 5 B. If another type of timing belt is selected, where centre distance tables are not available

Continue with **step 6**.

### 6 Pulley diameter and number of teeth ( $d, D, Z_s, Z_l$ )

- Try to use standard pulley diameters

- Refer to **table 5a** on **pages 126 and 127** to get recommended number of teeth for small pulley ( $Z_s$ )
- Refer to speed ratio **table 5b** on **pages 126 and 127** to get number of teeth for large pulley ( $Z_l$ )
- Calculate pulley diameters for small and large pulley

$$d = \frac{Z_s \text{ Pitch}}{\pi}$$

$$D = \frac{Z_l \text{ Pitch}}{\pi}$$

where

Pitch = belt pitch distance [mm]

$d$  = pitch diameter of smaller pulley [mm]

$D$  = pitch diameter of larger pulley [mm]

### 7 Nominal centre distance ( $C_n$ )

Determine nominal centre distance between pulleys from drive data sheet.

### 8 Belt datum length ( $L_d$ )

Calculate theoretical belt length based on nominal centre distance.

$$L_p = 2 C_n + 1,57 (D + d) + \frac{(D - d)^2}{4 C_n}$$

Where:

$L_p$  = belt datum length [mm]

$D$  = large pulley diameter [mm]

$d$  = small pulley diameter [mm]

$C_n$  = nominal centre distance [mm]

Choose closest available belt pitch length from belt tables on **pages 153 to 163**.



### 9 Design centre distance (C<sub>d</sub>)

Calculate actual centre distance based on selected belt pitch length L<sub>p</sub>.

$$C_d = \frac{a + \sqrt{a^2 - 8(D - d)^2}}{8}$$

where

$$a = 2 L_p - \pi (D - d)$$

D = large pulley diameter [mm]

d = small pulley diameter [mm]

L<sub>p</sub> = selected belt pitch length [mm]

### 10 Power correction factors (C<sub>1</sub>, C<sub>4</sub>)

- Refer to **table 7** on **page 128** for belt length correction factor C<sub>1</sub>. If C<sub>1</sub> is not listed for a specific belt type, take C<sub>1</sub> = 1
- Belt power tables consider only drives with 6 or more teeth in mesh. If less than 6 teeth in mesh, additional reduction of basic belt power rating due to excessive tooth loading is required.

Calculate number of teeth in mesh by using the following formula:

$$TIM = \frac{0,5 - (D - d) Z_s}{6 C_d}$$

Where:

TIM = number of teeth in mesh

D = large pulley diameter [mm]

d = small pulley diameter [mm]

C<sub>d</sub> = design centre distance [mm]

Z<sub>s</sub> = number of teeth on small pulley

- Refer to **table 6** on **page 128** for teeth in mesh correction factor C<sub>4</sub>

### 11 Corrected belt power rating and respective belt width (P<sub>corr</sub>, W<sub>b</sub>)

The corrected power rating is basic power rating given in power rating **tables 8a to 8p** on **pages 129 to 142** multiplied by power correction factors C<sub>1</sub>, C<sub>4</sub> as defined in **step 10**.

$$P_{corr} = P_b C_4 C_1$$

The corrected power rating must be equal or greater than the design power calculated in **step 2**.

$$P_b C_4 C_1 \geq P_d$$

Minimum required basic power rating:

$$P_b = \frac{P_d}{C_4 C_1}$$

Refer to power rating **tables 8a to 8p** on **pages 129 to 142** to select the corresponding belt width W<sub>b</sub>.

This procedure may involve some degree of trial and error iterations from **step 5 to 11** in order to reach the appropriate actual belt basic power rating.

The following rules should be followed when selecting the belt width:

- Larger pulleys mean less belt width
- Larger pulleys will increase belt life and decrease bearing load
- Belt width should not exceed small pulley diameter

Example:

Required belt basic power rating is:

$$P_b = \frac{50}{1,0 \times 1,0} = 50 \text{ kW}$$

Selected belt width W<sub>b</sub> = 115 mm

Actual belt basic power for HiTD 115 = 54,9 kW > 50 kW

### 12 Installation and take-up allowances

Installation allowance **MIA** is minimum **distance** needed to decrease the CC distance in order to be able to install the belt.

Take-up allowance **MTA** is minimum distance needed to increase the CC distance in order to tension the belt.

Refer to **table 9** on **page 143** for values.

Example:

For one flanged pulley:

MIA = 39 mm

MTA = 4 mm

CC min = 735,3 - 39 = 696,3 mm

CC max = 735,3 + 4 = 739,3 mm

### 13 Belt tension

Refer to the **tables 10 to 13** on **pages 144 to 148** to get the recommended tension value for selected belt or follow instructions in tensioning section to calculate tension specifically for this drive.

Example:

Tensioning method: The SKF pen tester is not applicable as the required tension is too high. The usage of the SKF Belt Frequency Meter is recommended.

Belt: PHG 1200-14M-115

Used run-in belt: 3 200 N

New belt: 4 480 N

# Service factors

**Table 1**

**Speed increase ratio**

For speed increasing drives of

- Speed ratio 1,00–1,24 multiply service factor by 1,00
- Speed ratio 1,25–1,74 multiply service factor by 1,05
- Speed ratio 1,75–2,49 multiply service factor by 1,11
- Speed ratio 2,50–3,49 multiply service factor by 1,18
- Speed ratio 3,50 and over multiply service factor by 1,25

**Table 2**

**Types of prime mover**

**Soft starts**

Electric motors:

- AC – Star delta start
- DC – Shunt wound
- Internal combustion engines with 4 or more cylinders
- Prime movers fitted with centrifugal clutches, dry or fluid couplings or electronic soft start devices

**Heavy starts**

Electric motors:

- AC – Direct-on-line start
- DC – Series and compound wound
- Internal combustion engines with less than 4 cylinders.
- Prime movers not fitted with soft start devices

**Table 3**

**Types of driven machinery**

**Soft starts**

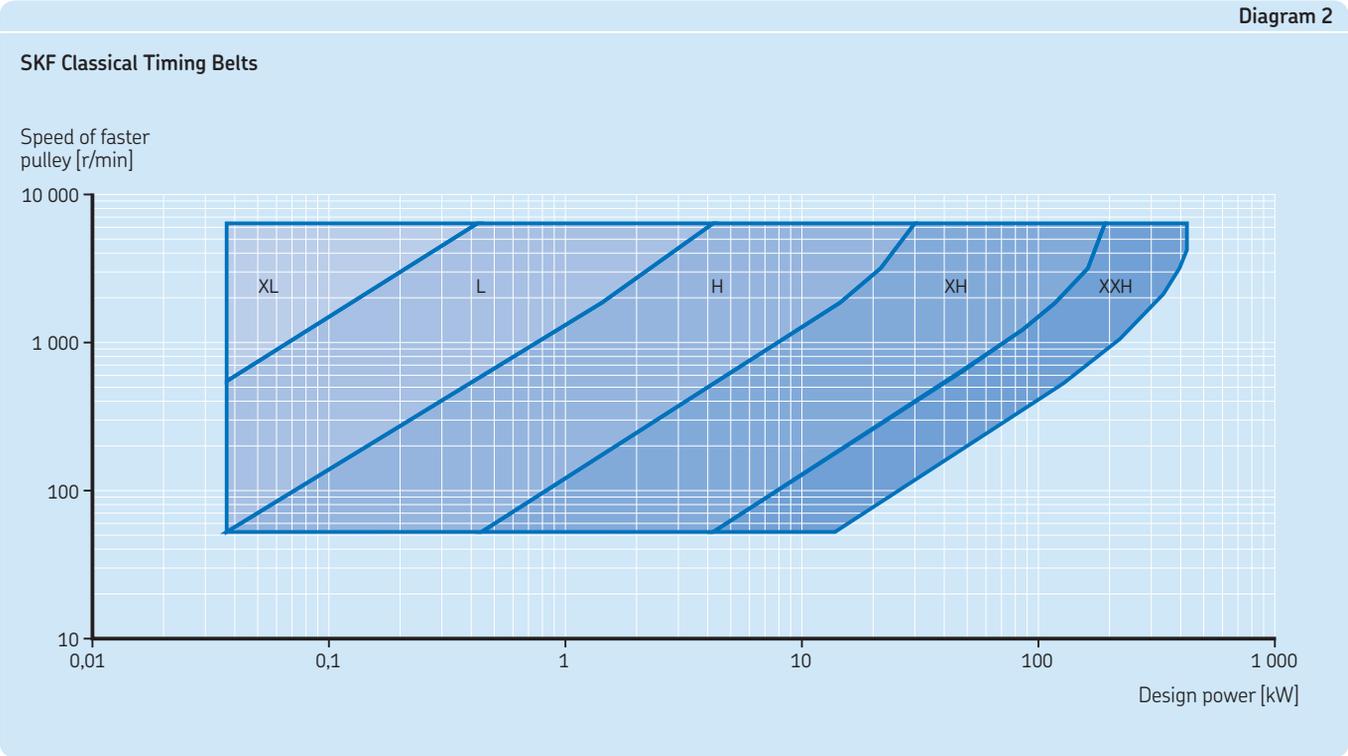
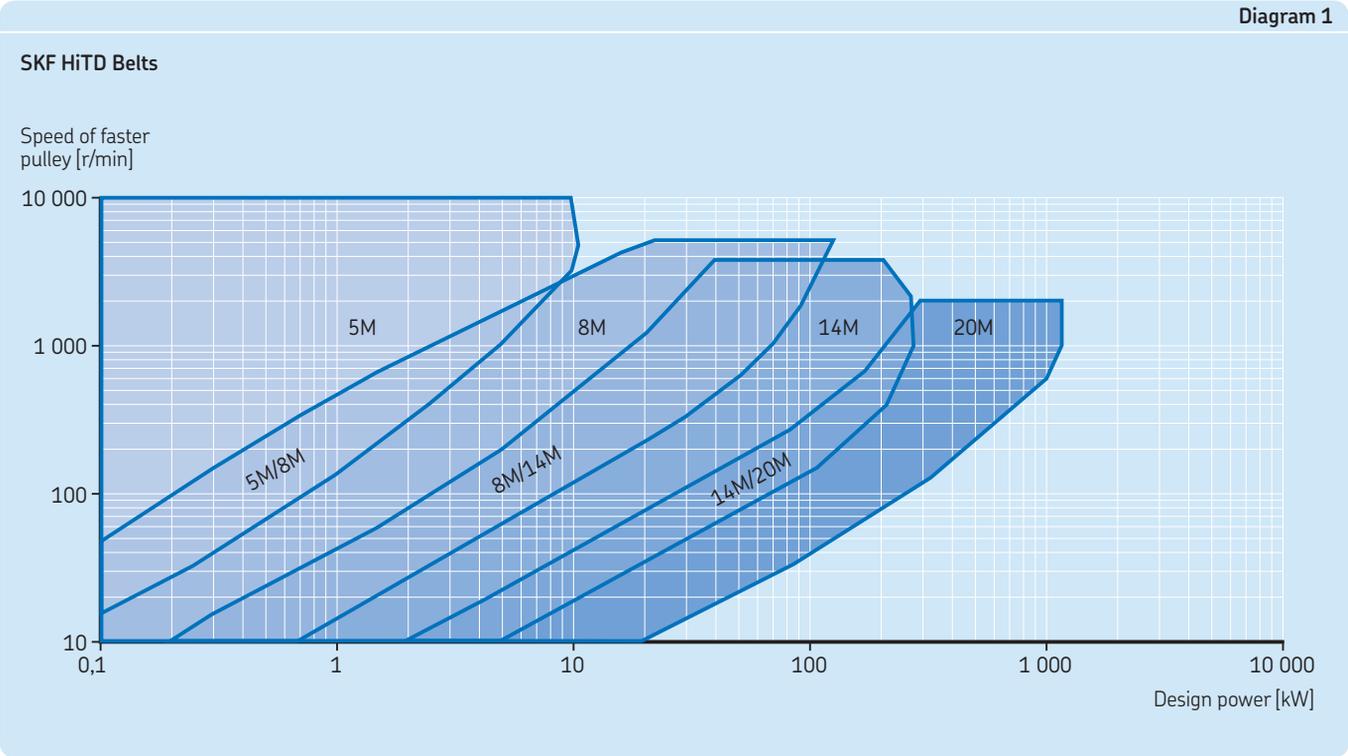
Duty time h/day  
10 and under    Over 10 to 16    Over 16

**Heavy starts**

Duty time h/day  
10 and under    Over 10 to 16    Over 16

|                             |  |     |     |     |     |     |     |
|-----------------------------|--|-----|-----|-----|-----|-----|-----|
| Class 1<br>Light duty       | Blowers, exhausters and fans (up to 7,5 kW), centrifugal compressors and pumps. Belt conveyors (uniformly loaded).   | 1,3 | 1,4 | 1,5 | 1,7 | 1,8 | 1,9 |
| Class 2<br>Medium duty      | Agitators (uniform density), blowers, exhausters and fans (over 7,5 kW). Rotary compressors and pumps (other than centrifugal). Belt conveyors (not uniformly loaded), generators and exciters, laundry machinery, lineshafts, machine tools, printing machinery, sawmill and woodworking machinery, screens (rotary). | 1,4 | 1,5 | 1,6 | 1,8 | 1,9 | 2,0 |
| Class 3<br>Heavy duty       | Agitators and mixers (variable density), brick machinery, bucket elevators, compressors and pumps (reciprocating), conveyors (heavy duty). Hoists, mills (hammer), pulverisers, punches, presses, shears, quarry plant, rubber machinery, screens (vibrating), textile machinery.                                      | 1,7 | 1,8 | 1,9 | 2,0 | 2,1 | 2,2 |
| Class 4<br>Extra heavy duty | Crushers (gyratory-jaw roll), mills (ball-rod-tube).   | 1,9 | 2,0 | 2,1 | 2,3 | 2,4 | 2,5 |

# Belt cross section



Centre distances  
Section 5M

Table 4a

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             |                              |                   |                              |                   | 350         | 375   | 400   | 425   | 450   | 475   | 500   | 535   | 565   | 600   | 635   |       |       |
|             |                              | mm                | mm                           |                   | mm          |       |       |       |       |       |       |       |       |       |       |       |       |
| 1,00        | 72                           | 114,59            | 72                           | 114,59            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 137,5 |
| 1,00        | 68                           | 108,23            | 68                           | 108,23            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 147,5 |
| 1,00        | 64                           | 101,86            | 64                           | 101,86            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 140,0 | 157,5 |
| 1,00        | 60                           | 95,49             | 60                           | 95,49             | -           | -     | -     | -     | -     | -     | -     | -     | -     | 117,5 | 132,5 | 150,0 | 167,5 |
| 1,00        | 56                           | 89,13             | 56                           | 89,13             | -           | -     | -     | -     | -     | -     | -     | 110,0 | 127,5 | 142,5 | 160,0 | 177,5 |       |
| 1,00        | 52                           | 82,76             | 52                           | 82,76             | -           | -     | -     | -     | 95,0  | 107,5 | 120,0 | 137,5 | 152,5 | 170,0 | 187,5 | 205,0 | 222,5 |
| 1,00        | 48                           | 76,39             | 48                           | 76,39             | -           | -     | -     | 92,5  | 105,0 | 117,5 | 130,0 | 147,5 | 162,5 | 180,0 | 197,5 | 215,0 | 232,5 |
| 1,00        | 44                           | 70,03             | 44                           | 70,03             | -           | -     | 90,0  | 102,5 | 115,0 | 127,5 | 140,0 | 157,5 | 172,5 | 190,0 | 207,5 | 225,0 | 242,5 |
| 1,00        | 40                           | 63,66             | 40                           | 63,66             | 75,0        | 87,5  | 100,0 | 112,5 | 125,0 | 137,5 | 150,0 | 167,5 | 182,5 | 200,0 | 217,5 | 235,0 | 252,5 |
| 1,00        | 38                           | 60,48             | 38                           | 60,48             | 80,0        | 92,5  | 105,0 | 117,5 | 130,0 | 142,5 | 155,0 | 172,5 | 187,5 | 205,0 | 222,5 | 240,0 | 257,5 |
| 1,00        | 36                           | 57,30             | 36                           | 57,30             | 85,0        | 97,5  | 110,0 | 122,5 | 135,0 | 147,5 | 160,0 | 177,5 | 192,5 | 210,0 | 227,5 | 245,0 | 262,5 |
| 1,00        | 34                           | 54,11             | 34                           | 54,11             | 90,0        | 102,5 | 115,0 | 127,5 | 140,0 | 152,5 | 165,0 | 182,5 | 197,5 | 215,0 | 232,5 | 250,0 | 267,5 |
| 1,00        | 32                           | 50,93             | 32                           | 50,93             | 95,0        | 107,5 | 120,0 | 132,5 | 145,0 | 157,5 | 170,0 | 187,5 | 202,5 | 220,0 | 237,5 | 255,0 | 272,5 |
| 1,05        | 38                           | 60,48             | 40                           | 63,66             | 77,5        | 90,0  | 102,5 | 115,0 | 127,5 | 140,0 | 152,5 | 170,0 | 185,0 | 202,5 | 220,0 | 237,5 | 255,0 |
| 1,06        | 68                           | 108,23            | 72                           | 114,59            | -           | -     | -     | -     | -     | -     | -     | -     | 125,0 | -     | -     | 125,0 | 142,5 |
| 1,06        | 64                           | 101,86            | 68                           | 108,23            | -           | -     | -     | -     | -     | -     | -     | 117,5 | 135,0 | -     | -     | 135,0 | 152,5 |
| 1,06        | 36                           | 57,30             | 38                           | 60,48             | 82,5        | 95,0  | 107,5 | 120,0 | 132,5 | 145,0 | 157,5 | 175,0 | 190,0 | 207,5 | 225,0 | 242,5 | 260,0 |
| 1,06        | 34                           | 54,11             | 36                           | 57,30             | 87,5        | 100,0 | 112,5 | 125,0 | 137,5 | 150,0 | 162,5 | 180,0 | 195,0 | 212,5 | 230,0 | 247,5 | 265,0 |
| 1,06        | 32                           | 50,93             | 34                           | 54,11             | 92,5        | 105,0 | 117,5 | 130,0 | 142,5 | 155,0 | 167,5 | 185,0 | 200,0 | 217,5 | 235,0 | 252,5 | 270,0 |
| 1,07        | 60                           | 95,49             | 64                           | 101,86            | -           | -     | -     | -     | -     | -     | -     | -     | 112,5 | 127,5 | 142,5 | 157,5 | 172,5 |
| 1,07        | 56                           | 89,15             | 60                           | 95,49             | -           | -     | -     | -     | -     | -     | 105,0 | 122,5 | 137,5 | 155,0 | 172,5 | 190,0 | 207,5 |
| 1,08        | 52                           | 82,76             | 56                           | 89,13             | -           | -     | -     | -     | -     | 102,5 | 115,0 | 132,5 | 147,5 | 165,0 | 182,5 | 200,0 | 217,5 |
| 1,08        | 48                           | 76,39             | 52                           | 82,76             | -           | -     | -     | -     | 99,9  | 112,5 | 125,0 | 142,5 | 157,5 | 175,0 | 192,5 | 210,0 | 227,5 |
| 1,09        | 44                           | 70,03             | 48                           | 76,39             | -           | -     | 84,9  | 97,4  | 110,0 | 122,5 | 135,0 | 152,5 | 167,5 | 185,0 | 202,5 | 220,0 | 237,5 |
| 1,10        | 40                           | 63,66             | 44                           | 70,03             | -           | 82,4  | 94,9  | 107,5 | 120,0 | 132,5 | 145,0 | 162,5 | 177,5 | 195,0 | 212,5 | 230,0 | 247,5 |
| 1,11        | 72                           | 114,59            | 80                           | 127,32            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 1,11        | 36                           | 57,23             | 40                           | 63,66             | 79,9        | 92,4  | 105,0 | 117,5 | 130,0 | 142,5 | 155,0 | 172,5 | 187,5 | 205,0 | 222,5 | 240,0 | 257,5 |
| 1,12        | 34                           | 54,11             | 38                           | 60,48             | 84,9        | 97,4  | 110,0 | 122,5 | 135,0 | 147,5 | 160,0 | 177,5 | 192,5 | 210,0 | 227,5 | 245,0 | 262,5 |
| 1,13        | 64                           | 101,86            | 72                           | 114,59            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 129,8 | 147,4 |
| 1,13        | 60                           | 95,49             | 68                           | 108,23            | -           | -     | -     | -     | -     | -     | -     | -     | -     | 122,3 | 139,9 | 157,4 | 175,0 |
| 1,13        | 32                           | 50,93             | 36                           | 57,30             | 89,9        | 102,5 | 115,0 | 127,5 | 140,0 | 152,5 | 165,0 | 182,5 | 197,5 | 215,0 | 232,5 | 250,0 | 267,5 |
| 1,14        | 56                           | 89,13             | 64                           | 101,86            | -           | -     | -     | -     | -     | -     | -     | 117,3 | 132,3 | 149,9 | 167,4 | 184,9 | 202,4 |
| 1,15        | 52                           | 82,76             | 60                           | 95,49             | -           | -     | -     | -     | -     | -     | -     | 109,8 | 127,3 | 144,8 | 162,3 | 179,8 | 197,3 |
| 1,16        | 38                           | 60,48             | 44                           | 70,03             | -           | 84,9  | 97,4  | 109,9 | 122,4 | 134,9 | 147,4 | 164,9 | 179,9 | 197,4 | 214,9 | 232,4 | 250,0 |
| 1,17        | 48                           | 76,39             | 56                           | 89,13             | -           | -     | -     | -     | 94,8  | 107,3 | 119,8 | 137,4 | 152,4 | 169,9 | 187,4 | 204,9 | 222,4 |
| 1,18        | 68                           | 108,23            | 80                           | 127,32            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 132,2 |
| 1,18        | 44                           | 70,03             | 52                           | 82,76             | -           | -     | -     | 92,3  | 104,8 | 117,3 | 129,8 | 147,4 | 162,4 | 179,9 | 197,4 | 214,9 | 232,4 |
| 1,18        | 34                           | 54,11             | 40                           | 63,66             | 82,4        | 94,9  | 107,4 | 119,9 | 132,4 | 144,9 | 157,4 | 174,9 | 189,9 | 207,4 | 224,9 | 242,4 | 260,0 |
| 1,19        | 32                           | 50,93             | 38                           | 60,48             | 87,4        | 99,9  | 112,4 | 124,9 | 137,4 | 149,9 | 162,4 | 179,9 | 194,9 | 212,4 | 230,0 | 247,5 | 265,0 |
| 1,20        | 60                           | 95,49             | 72                           | 114,59            | -           | -     | -     | -     | -     | -     | -     | -     | -     | 117,1 | 134,7 | 152,3 | 170,0 |
| 1,20        | 40                           | 63,66             | 48                           | 76,39             | -           | -     | 89,8  | 102,3 | 114,8 | 127,3 | 139,9 | 157,4 | 172,4 | 189,9 | 207,4 | 224,9 | 242,4 |
| 1,21        | 56                           | 89,13             | 68                           | 108,23            | -           | -     | -     | -     | -     | -     | -     | -     | 112,1 | 127,1 | 144,7 | 162,2 | 179,7 |
| 1,22        | 36                           | 57,3              | 44                           | 70,03             | 74,7        | 87,3  | 99,8  | 112,3 | 124,8 | 137,4 | 149,9 | 167,4 | 182,4 | 199,9 | 217,4 | 234,9 | 252,4 |
| 1,23        | 52                           | 82,76             | 64                           | 101,86            | -           | -     | -     | -     | -     | -     | -     | 104,6 | 122,1 | 137,2 | 154,7 | 172,2 | 189,7 |
| 1,25        | 72                           | 114,59            | 90                           | 143,24            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 1,25        | 64                           | 101,85            | 80                           | 127,32            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 136,9 |
| 1,25        | 48                           | 76,39             | 60                           | 95,49             | -           | -     | -     | -     | -     | 102,1 | 114,6 | 132,2 | 147,2 | 164,7 | 182,2 | 200,0 | 217,5 |
| 1,25        | 32                           | 50,93             | 40                           | 63,66             | 84,8        | 97,3  | 109,8 | 122,3 | 134,8 | 147,4 | 159,9 | 177,4 | 192,4 | 209,9 | 227,4 | 244,9 | 262,4 |
| 1,26        | 38                           | 60,48             | 48                           | 76,39             | -           | 79,6  | 92,2  | 104,7 | 117,2 | 129,8 | 142,3 | 159,8 | 174,8 | 192,3 | 209,8 | 227,3 | 244,8 |
| 1,27        | 44                           | 70,03             | 56                           | 89,13             | -           | -     | -     | -     | 99,5  | 112,1 | 124,6 | 142,2 | 157,2 | 174,7 | 192,3 | 209,8 | 227,3 |
| 1,29        | 56                           | 89,13             | 72                           | 114,59            | -           | -     | -     | -     | -     | -     | -     | -     | -     | 121,8 | 139,4 | 157,0 | 174,6 |
| 1,29        | 34                           | 54,11             | 44                           | 70,03             | 77,1        | 89,6  | 102,2 | 114,7 | 127,3 | 139,8 | 152,3 | 169,8 | 184,8 | 202,3 | 219,9 | 237,4 | 255,0 |
| 1,30        | 40                           | 63,66             | 52                           | 82,76             | -           | -     | 84,5  | 97,0  | 109,6 | 122,1 | 134,7 | 152,2 | 167,2 | 184,8 | 202,3 | 219,9 | 237,4 |
| 1,31        | 52                           | 82,76             | 68                           | 108,23            | -           | -     | -     | -     | -     | -     | -     | -     | 116,8 | 131,9 | 149,5 | 167,0 | 184,6 |
| 1,32        | 68                           | 108,23            | 90                           | 143,24            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 1,33        | 60                           | 95,49             | 80                           | 127,32            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 124,0 | 141,6 |
| 1,33        | 48                           | 76,39             | 64                           | 101,86            | -           | -     | -     | -     | -     | -     | 109,3 | 126,9 | 141,9 | 159,5 | 177,0 | 194,6 | 212,2 |
| 1,33        | 36                           | 57,23             | 48                           | 76,39             | -           | 81,9  | 94,5  | 107,1 | 119,6 | 132,2 | 144,7 | 162,2 | 177,2 | 194,8 | 212,3 | 229,9 | 247,4 |
| 1,36        | 44                           | 70,03             | 60                           | 95,49             | -           | -     | -     | -     | 94,1  | 106,7 | 119,3 | 136,9 | 152,0 | 169,5 | 187,1 | 204,7 | 222,2 |
| 1,37        | 38                           | 60,48             | 52                           | 82,76             | -           | -     | 86,8  | 99,4  | 111,9 | 124,5 | 137,0 | 154,6 | 169,6 | 187,2 | 204,7 | 222,2 | 239,7 |
| 1,38        | 52                           | 82,76             | 72                           | 114,59            | -           | -     | -     | -     | -     | -     | -     | -     | 111,4 | 126,5 | 144,1 | 161,7 | 179,2 |
| 1,38        | 32                           | 50,93             | 44                           | 70,03             | 79,4        | 92,0  | 104,6 | 117,1 | 129,6 | 142,2 | 154,7 | 172,2 | 187,3 | 204,8 | 222,3 | 239,8 | 257,3 |
| 1,40        | 40                           | 63,66             | 56                           | 89,13             | -           | -     | -     | 91,6  | 104,2 | 116,8 | 129,4 | 146,9 | 162,0 | 179,5 | 197,1 | 214,6 | 232,1 |
| 1,41        | 64                           | 101,86            | 90                           | 143,24            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 1,41        | 34                           | 54,11             | 48                           | 76,39             | -           | 84,3  | 96,9  | 109,4 | 122,0 | 134,5 | 147,1 | 164,6 | 179,7 | 197,2 | 214,7 | 232,2 | 249,7 |
| 1,42        | 48                           | 76,39             | 68                           | 108,23            | -           | -     | -     | -     | -     | -     | -     | 103,8 | 121,5 | 136,6 | 154,2 | 171,8 | 189,4 |
| 1,43        | 56                           | 89,13             | 80                           | 127,32            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | 128,6 | 146,2 | 163,8 |
| 1,44        | 36                           | 57,3              | 52                           | 82,76             | -           | -     | 89,1  | 101,7 | 114,3 | 126,9 | 139,4 | 157,0 | 172,0 | 189,6 | 207,1 | 224,7 | 242,2 |
| 1,45        | 44                           | 70,03             | 64                           | 101,86            | -           | -     | -     | -     | -     | 101,2 | 113,9 | 131,5 | 146,6 | 164,2 | 181,8 | 200,0 | 218,0 |
| 1,47        | 38                           | 60,48             | 56                           | 89,13             | -           | -     | -     | 93,9  | 106,5 | 119,1 | 131,7 | 149,3 | 164,4 | 181,9 | 200,0 | 218,0 | 236,0 |
| 1,50        | 60                           | 95,49             | 90                           | 143,24            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 127,8 |
| 1,50        | 48                           | 76,39             | 72                           | 114,59            | -           | -     | -     | -     | -     | -     | -     | -     | 115,9 | 131,1 | 148,8 | 166,4 | 184,0 |
| 1,50        | 40                           | 63,66             | 60                           | 95,49             | -           | -     | -     | -     | 98,7  | 111,4 | 124,0 | 141,6 | 156,7 | 174,3 | 191,8 | 209,4 | 227,0 |
| 1,50        | 32                           | 50,93             | 48                           | 76,39             | 73,9        | 86,6  | 99,2  | 111,8 | 124,3 | 136,9 | 149,5 | 167,0 | 182,1 | 199,6 | 217,1 | 234,6 | 252,1 |
| 1,53        | 34                           | 54,11             | 52                           | 82,76             | -           | 78,7  | 91,4  | 104,0 | 116,6 | 129,2 | 141,8 | 159,4 | 174,4 | 192,0 | 209,5 | 227,1 | 244,6 |
| 1,54        | 52                           | 82,76             | 80                           | 127,32            | -           | -     | -     | -     | -     | -     | -     | -     | -     | 115,3 | 133,1 | 150,9 | 168,7 |
| 1,55        | 44                           | 70,03             | 68                           | 108,23            | -           | -     | -     | -     | -     | -     | -     | 108,3 | 126,1 | 141,2 | 158,9 | 176,5 | 194,1 |
| 1,56        | 72                           | 114,59            | 112                          | 178,25            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 1,56        | 36                           | 57,3              | 56                           | 89,13             | -           | -     | -     | -     | 96,2  | 108,8 | 121,5 | 134,1 | 151,7 | 166,7 | 184,3 |       |       |

# Centre distances

## Section 5M

Table 4b

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |      |      |       |       |       |       |       |       |       |       |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|             |                              |                   |                              |                   | 350         | 375  | 400  | 425   | 450   | 475   | 500   | 535   | 565   | 600   | 635   |
|             |                              | mm                | mm                           |                   | mm          |      |      |       |       |       |       |       |       |       |       |
| 1,60        | 40                           | 63,66             | 64                           | 101,86            | -           | -    | -    | -     | -     | 105,8 | 118,5 | 136,2 | 151,3 | 168,9 | 186,5 |
| 1,61        | 56                           | 89,13             | 90                           | 143,24            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | 132,2 |
| 1,63        | 32                           | 50,93             | 52                           | 82,76             | -           | 80,9 | 93,6 | 106,3 | 118,9 | 131,5 | 144,1 | 161,7 | 176,8 | 194,3 | 211,9 |
| 1,64        | 44                           | 70,03             | 72                           | 114,59            | -           | -    | -    | -     | -     | -     | -     | 120,4 | 135,7 | 153,4 | 171,0 |
| 1,65        | 68                           | 108,23            | 112                          | 178,25            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     |
| 1,65        | 34                           | 54,11             | 56                           | 89,13             | -           | -    | 85,7 | 98,4  | 111,1 | 123,8 | 136,4 | 154,0 | 169,1 | 186,7 | 204,2 |
| 1,67        | 48                           | 76,39             | 80                           | 127,32            | -           | -    | -    | -     | -     | -     | -     | -     | 119,8 | 137,6 | 155,4 |
| 1,67        | 36                           | 57,3              | 60                           | 95,49             | -           | -    | -    | 90,5  | 103,2 | 115,9 | 128,6 | 146,3 | 161,4 | 179,0 | 196,6 |
| 1,68        | 38                           | 60,48             | 64                           | 101,86            | -           | -    | -    | -     | 95,2  | 108,0 | 120,7 | 138,5 | 153,6 | 171,2 | 188,9 |
| 1,70        | 40                           | 63,66             | 68                           | 108,23            | -           | -    | -    | -     | -     | 100,0 | 112,8 | 130,6 | 145,8 | 163,5 | 181,1 |
| 1,73        | 52                           | 82,76             | 90                           | 143,24            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | 136,6 |
| 1,75        | 64                           | 101,86            | 112                          | 178,25            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     |
| 1,75        | 32                           | 50,93             | 56                           | 89,13             | -           | -    | 87,9 | 100,7 | 113,4 | 126,1 | 138,7 | 156,3 | 171,4 | 189,0 | 206,6 |
| 1,76        | 34                           | 54,11             | 60                           | 95,49             | -           | -    | -    | 92,7  | 105,5 | 118,2 | 130,9 | 148,6 | 163,7 | 181,3 | 198,9 |
| 1,78        | 36                           | 57,30             | 64                           | 101,86            | -           | -    | -    | -     | 97,4  | 110,2 | 123,0 | 140,7 | 155,9 | 173,6 | 191,2 |
| 1,79        | 38                           | 60,48             | 68                           | 108,23            | -           | -    | -    | -     | -     | 102,2 | 115,0 | 132,8 | 148,1 | 165,8 | 183,4 |
| 1,80        | 40                           | 63,66             | 72                           | 114,59            | -           | -    | -    | -     | -     | -     | 107,0 | 124,9 | 140,2 | 157,9 | 175,7 |
| 1,82        | 44                           | 70,03             | 80                           | 127,32            | -           | -    | -    | -     | -     | -     | -     | 108,7 | 124,2 | 142,1 | 159,9 |
| 1,87        | 60                           | 95,49             | 112                          | 178,25            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     |
| 1,88        | 48                           | 76,39             | 90                           | 143,24            | -           | -    | -    | -     | -     | -     | -     | -     | -     | 122,9 | 141,0 |
| 1,88        | 34                           | 54,11             | 64                           | 101,86            | -           | -    | -    | -     | 99,6  | 112,5 | 125,2 | 143,0 | 158,2 | 175,9 | 193,5 |
| 1,88        | 32                           | 50,93             | 60                           | 95,49             | -           | -    | -    | 94,9  | 107,7 | 120,4 | 133,1 | 150,9 | 166,0 | 183,6 | 201,3 |
| 1,89        | 38                           | 60,48             | 72                           | 114,59            | -           | -    | -    | -     | -     | -     | 109,1 | 127,1 | 142,4 | 160,2 | 177,9 |
| 1,89        | 36                           | 57,30             | 68                           | 108,23            | -           | -    | -    | -     | -     | 104,4 | 117,2 | 135,1 | 150,3 | 168,1 | 185,8 |
| 2,00        | 56                           | 89,13             | 112                          | 178,25            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     |
| 2,00        | 40                           | 63,66             | 80                           | 127,32            | -           | -    | -    | -     | -     | -     | -     | 113,0 | 128,5 | 146,5 | 164,4 |
| 2,00        | 36                           | 57,30             | 72                           | 114,59            | -           | -    | -    | -     | -     | 98,3  | 111,3 | 129,3 | 144,7 | 162,5 | 180,2 |
| 2,00        | 34                           | 54,11             | 68                           | 108,23            | -           | -    | -    | -     | 93,6  | 106,5 | 119,4 | 137,3 | 152,6 | 170,3 | 188,1 |
| 2,00        | 32                           | 50,93             | 64                           | 101,86            | -           | -    | -    | 88,8  | 101,8 | 114,7 | 127,4 | 145,3 | 160,5 | 178,2 | 195,8 |
| 2,05        | 44                           | 70,03             | 90                           | 143,24            | -           | -    | -    | -     | -     | -     | -     | -     | -     | 127,2 | 145,0 |
| 2,11        | 38                           | 60,48             | 80                           | 127,32            | -           | -    | -    | -     | -     | -     | -     | 115,1 | 130,7 | 148,7 | 166,6 |
| 2,12        | 34                           | 54,11             | 72                           | 114,59            | -           | -    | -    | -     | -     | 100,4 | 113,4 | 131,5 | 146,9 | 164,7 | 182,5 |
| 2,13        | 32                           | 50,93             | 68                           | 108,23            | -           | -    | -    | -     | 95,7  | 108,7 | 121,6 | 139,5 | 154,8 | 172,6 | 190,3 |
| 2,15        | 52                           | 82,76             | 112                          | 178,25            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     |
| 2,22        | 36                           | 57,30             | 80                           | 127,32            | -           | -    | -    | -     | -     | -     | -     | 117,2 | 132,9 | 150,9 | 168,9 |
| 2,25        | 40                           | 63,66             | 90                           | 143,24            | -           | -    | -    | -     | -     | -     | -     | -     | 112,9 | 131,4 | 149,7 |
| 2,25        | 32                           | 50,93             | 72                           | 114,59            | -           | -    | -    | -     | -     | 102,5 | 115,6 | 133,7 | 149,1 | 167,0 | 184,8 |
| 2,33        | 48                           | 76,39             | 112                          | 178,25            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     |
| 2,35        | 34                           | 54,11             | 80                           | 127,32            | -           | -    | -    | -     | -     | -     | 100,8 | 119,3 | 135,0 | 153,1 | 171,1 |
| 2,37        | 38                           | 60,48             | 90                           | 143,24            | -           | -    | -    | -     | -     | -     | -     | 115,0 | 133,5 | 151,8 | -     |
| 2,50        | 36                           | 57,30             | 90                           | 143,24            | -           | -    | -    | -     | -     | -     | -     | -     | 117,0 | 135,6 | 154,0 |
| 2,50        | 32                           | 50,93             | 80                           | 127,32            | -           | -    | -    | -     | -     | -     | 102,8 | 121,4 | 137,1 | 155,3 | 173,3 |
| 2,55        | 44                           | 70,03             | 112                          | 178,25            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     |
| 2,65        | 34                           | 54,11             | 90                           | 143,24            | -           | -    | -    | -     | -     | -     | -     | -     | 119,1 | 137,1 | 156,1 |
| 2,80        | 40                           | 63,66             | 112                          | 178,25            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     |
| 2,81        | 32                           | 50,93             | 90                           | 143,24            | -           | -    | -    | -     | -     | -     | -     | -     | 121,1 | 139,8 | 158,2 |
| 2,95        | 38                           | 60,48             | 112                          | 178,25            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     |
| 3,11        | 36                           | 57,30             | 112                          | 178,25            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     |
| 3,29        | 34                           | 54,11             | 112                          | 178,25            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     |
| 3,50        | 32                           | 50,95             | 112                          | 178,25            | -           | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     |



# Centre distances

## Section 5M

Table 4c

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |       |       |       |       |       |       |       |       |       |       |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             |                              |                   |                              |                   | 670         | 710   | 740   | 800   | 850   | 890   | 950   | 1 000 | 1 050 | 1 125 | 1 195 |
|             |                              | mm                | mm                           |                   | mm          |       |       |       |       |       |       |       |       |       |       |
| 1,00        | 72                           | 114,59            | 72                           | 114,59            | 155,0       | 175,0 | 190,0 | 220,0 | 245,0 | 265,0 | 295,0 | 320,0 | 345,0 | 382,5 | 417,5 |
| 1,00        | 68                           | 108,23            | 68                           | 108,23            | 165,0       | 185,0 | 200,0 | 230,0 | 255,0 | 275,0 | 305,0 | 330,0 | 355,0 | 392,5 | 427,5 |
| 1,00        | 64                           | 101,86            | 64                           | 101,86            | 175,0       | 195,0 | 210,0 | 240,0 | 265,0 | 285,0 | 315,0 | 340,0 | 365,0 | 402,5 | 437,5 |
| 1,00        | 60                           | 95,49             | 60                           | 95,49             | 185,0       | 205,0 | 220,0 | 250,0 | 275,0 | 295,0 | 325,0 | 350,0 | 375,0 | 412,5 | 447,5 |
| 1,00        | 56                           | 89,13             | 56                           | 89,13             | 195,0       | 215,0 | 230,0 | 260,0 | 285,0 | 305,0 | 335,0 | 360,0 | 385,0 | 422,5 | 457,5 |
| 1,00        | 52                           | 82,76             | 52                           | 82,76             | 205,0       | 225,0 | 240,0 | 270,0 | 295,0 | 315,0 | 345,0 | 370,0 | 395,0 | 432,5 | 467,5 |
| 1,00        | 48                           | 76,39             | 48                           | 76,39             | 215,0       | 235,0 | 250,0 | 280,0 | 305,0 | 325,0 | 355,0 | 380,0 | 405,0 | 442,5 | 477,5 |
| 1,00        | 44                           | 70,03             | 44                           | 70,03             | 225,0       | 245,0 | 260,0 | 290,0 | 315,0 | 335,0 | 365,0 | 390,0 | 415,0 | 452,5 | 487,5 |
| 1,00        | 40                           | 63,66             | 40                           | 63,66             | 235,0       | 255,0 | 270,0 | 300,0 | 325,0 | 345,0 | 375,0 | 400,0 | 425,0 | 462,5 | 497,5 |
| 1,00        | 38                           | 60,48             | 38                           | 60,48             | 240,0       | 260,0 | 275,0 | 305,0 | 330,0 | 350,0 | 380,0 | 405,0 | 430,0 | 467,5 | 502,5 |
| 1,00        | 36                           | 57,30             | 36                           | 57,30             | 245,0       | 265,0 | 280,0 | 310,0 | 335,0 | 355,0 | 385,0 | 410,0 | 435,0 | 472,5 | 507,5 |
| 1,00        | 34                           | 54,11             | 34                           | 54,11             | 250,0       | 270,0 | 285,0 | 315,0 | 340,0 | 360,0 | 390,0 | 415,0 | 440,0 | 477,5 | 512,5 |
| 1,00        | 32                           | 50,93             | 32                           | 50,93             | 255,0       | 275,0 | 290,0 | 320,0 | 345,0 | 365,0 | 395,0 | 420,0 | 445,0 | 482,5 | 517,5 |
| 1,05        | 38                           | 60,48             | 40                           | 63,66             | 237,5       | 257,5 | 272,5 | 302,5 | 327,5 | 347,5 | 377,5 | 402,5 | 427,5 | 465,0 | 500,0 |
| 1,06        | 68                           | 108,23            | 72                           | 114,59            | 160,0       | 180,0 | 195,0 | 225,0 | 250,0 | 270,0 | 300,0 | 325,0 | 350,0 | 387,5 | 422,5 |
| 1,06        | 64                           | 101,86            | 68                           | 108,23            | 170,0       | 190,0 | 205,0 | 235,0 | 260,0 | 280,0 | 310,0 | 335,0 | 360,0 | 397,5 | 432,5 |
| 1,06        | 36                           | 57,30             | 38                           | 60,48             | 242,5       | 262,5 | 277,5 | 307,5 | 332,5 | 352,5 | 382,5 | 407,5 | 432,5 | 470,0 | 505,0 |
| 1,06        | 34                           | 54,11             | 36                           | 57,30             | 247,5       | 267,5 | 282,5 | 312,5 | 337,5 | 357,5 | 387,5 | 412,5 | 437,5 | 475,0 | 510,0 |
| 1,06        | 32                           | 50,93             | 34                           | 54,11             | 252,5       | 272,5 | 287,5 | 317,5 | 342,5 | 362,5 | 392,5 | 417,5 | 442,5 | 480,0 | 515,0 |
| 1,07        | 60                           | 95,49             | 64                           | 101,86            | 180,0       | 200,0 | 215,0 | 245,0 | 270,0 | 290,0 | 320,0 | 345,0 | 370,0 | 407,5 | 442,5 |
| 1,07        | 56                           | 89,15             | 60                           | 95,49             | 190,0       | 210,0 | 225,0 | 255,0 | 280,0 | 300,0 | 330,0 | 355,0 | 380,0 | 417,5 | 452,5 |
| 1,08        | 52                           | 82,76             | 56                           | 89,13             | 200,0       | 220,0 | 235,0 | 265,0 | 290,0 | 310,0 | 340,0 | 365,0 | 390,0 | 427,5 | 462,5 |
| 1,08        | 48                           | 76,39             | 52                           | 82,76             | 210,0       | 230,0 | 245,0 | 275,0 | 300,0 | 320,0 | 350,0 | 375,0 | 400,0 | 437,5 | 472,5 |
| 1,09        | 44                           | 70,03             | 48                           | 76,39             | 220,0       | 240,0 | 255,0 | 285,0 | 310,0 | 330,0 | 360,0 | 385,0 | 410,0 | 447,5 | 482,5 |
| 1,10        | 40                           | 63,66             | 44                           | 70,03             | 230,0       | 250,0 | 265,0 | 295,0 | 320,0 | 340,0 | 370,0 | 395,0 | 420,0 | 457,5 | 492,5 |
| 1,11        | 72                           | 114,59            | 80                           | 127,32            | 144,9       | 164,9 | 179,9 | 209,9 | 234,9 | 254,9 | 284,9 | 309,9 | 334,9 | 372,4 | 407,5 |
| 1,11        | 36                           | 57,23             | 40                           | 63,66             | 240,0       | 260,0 | 275,0 | 305,0 | 330,0 | 350,0 | 380,0 | 405,0 | 430,0 | 467,5 | 502,5 |
| 1,12        | 34                           | 54,11             | 38                           | 60,48             | 245,0       | 265,0 | 280,0 | 310,0 | 335,0 | 355,0 | 385,0 | 410,0 | 435,0 | 472,5 | 507,5 |
| 1,13        | 64                           | 101,86            | 72                           | 114,59            | 164,9       | 184,9 | 199,9 | 229,9 | 254,9 | 274,9 | 304,9 | 329,9 | 354,9 | 392,4 | 427,5 |
| 1,13        | 60                           | 95,49             | 68                           | 108,23            | 174,9       | 194,9 | 209,9 | 239,9 | 264,9 | 284,9 | 314,9 | 339,9 | 364,9 | 402,5 | 437,5 |
| 1,13        | 32                           | 50,93             | 36                           | 57,30             | 250,0       | 270,0 | 285,0 | 315,0 | 340,0 | 360,0 | 390,0 | 415,0 | 440,0 | 477,5 | 512,5 |
| 1,14        | 56                           | 89,13             | 64                           | 101,86            | 184,9       | 204,9 | 219,9 | 249,9 | 274,9 | 294,9 | 324,9 | 349,9 | 374,9 | 412,5 | 447,5 |
| 1,15        | 52                           | 82,76             | 60                           | 95,49             | 194,9       | 214,9 | 229,9 | 259,9 | 284,9 | 304,9 | 334,9 | 359,9 | 384,9 | 422,5 | 457,5 |
| 1,16        | 38                           | 60,48             | 44                           | 70,03             | 232,5       | 252,5 | 267,5 | 297,5 | 322,5 | 342,5 | 372,5 | 397,5 | 422,5 | 460,0 | 495,0 |
| 1,17        | 48                           | 76,39             | 56                           | 89,13             | 204,9       | 224,9 | 239,9 | 269,9 | 294,9 | 314,9 | 344,9 | 369,9 | 394,9 | 432,5 | 467,5 |
| 1,18        | 68                           | 108,23            | 80                           | 127,32            | 149,7       | 169,7 | 184,8 | 214,8 | 239,8 | 259,8 | 289,8 | 314,9 | 339,9 | 377,4 | 412,4 |
| 1,18        | 44                           | 70,03             | 52                           | 82,76             | 214,9       | 234,9 | 249,9 | 279,9 | 304,9 | 324,9 | 354,9 | 379,9 | 405,0 | 442,5 | 477,5 |
| 1,18        | 34                           | 54,11             | 40                           | 63,66             | 242,5       | 262,5 | 277,5 | 307,5 | 332,5 | 352,5 | 382,5 | 407,5 | 432,5 | 470,0 | 505,0 |
| 1,19        | 32                           | 50,93             | 38                           | 60,48             | 247,5       | 267,5 | 282,5 | 312,5 | 337,5 | 357,5 | 387,5 | 412,5 | 437,5 | 475,0 | 510,0 |
| 1,20        | 60                           | 95,49             | 72                           | 114,59            | 169,7       | 189,8 | 204,8 | 234,8 | 259,8 | 279,8 | 309,9 | 334,9 | 359,9 | 397,4 | 432,4 |
| 1,20        | 40                           | 63,66             | 48                           | 76,39             | 224,9       | 244,9 | 259,9 | 289,9 | 314,9 | 334,9 | 364,9 | 390,0 | 415,0 | 452,5 | 487,5 |
| 1,21        | 56                           | 89,13             | 68                           | 108,23            | 179,7       | 199,8 | 214,8 | 244,8 | 269,8 | 289,8 | 319,9 | 344,9 | 369,9 | 407,4 | 442,4 |
| 1,22        | 36                           | 57,3              | 44                           | 70,03             | 234,9       | 254,9 | 269,9 | 299,9 | 324,9 | 344,9 | 374,9 | 400,0 | 425,0 | 462,5 | 497,5 |
| 1,23        | 52                           | 82,76             | 64                           | 101,86            | 189,8       | 209,8 | 224,8 | 254,8 | 279,8 | 299,8 | 329,9 | 354,9 | 379,9 | 417,4 | 452,4 |
| 1,25        | 72                           | 114,59            | 90                           | 143,24            | -           | 151,8 | 166,9 | 197,0 | 222,0 | 242,1 | 272,1 | 297,2 | 322,2 | 359,7 | 394,7 |
| 1,25        | 64                           | 101,85            | 80                           | 127,32            | 154,5       | 174,5 | 189,6 | 219,6 | 244,7 | 264,7 | 294,7 | 319,7 | 344,8 | 382,3 | 417,3 |
| 1,25        | 48                           | 76,39             | 60                           | 95,49             | 199,8       | 219,8 | 234,8 | 264,8 | 289,8 | 309,9 | 339,9 | 364,9 | 389,0 | 427,4 | 462,4 |
| 1,25        | 32                           | 50,93             | 40                           | 63,66             | 244,9       | 264,9 | 279,9 | 309,9 | 334,9 | 354,9 | 384,9 | 410,0 | 435,0 | 472,5 | 507,5 |
| 1,26        | 38                           | 60,48             | 48                           | 76,39             | 227,4       | 247,4 | 262,4 | 292,4 | 317,4 | 337,4 | 367,4 | 392,4 | 417,4 | 454,9 | 489,9 |
| 1,27        | 44                           | 70,03             | 56                           | 89,13             | 209,8       | 229,8 | 244,8 | 274,8 | 299,8 | 319,9 | 349,9 | 374,9 | 399,9 | 437,4 | 472,4 |
| 1,29        | 56                           | 89,13             | 72                           | 114,59            | 174,5       | 194,6 | 209,6 | 239,7 | 264,7 | 284,7 | 314,7 | 339,8 | 364,8 | 402,3 | 437,3 |
| 1,29        | 34                           | 54,11             | 44                           | 70,03             | 237,4       | 257,4 | 272,4 | 302,4 | 327,4 | 347,4 | 377,4 | 402,4 | 427,4 | 464,9 | 499,9 |
| 1,30        | 40                           | 63,66             | 52                           | 82,76             | 219,8       | 239,8 | 254,8 | 284,8 | 309,9 | 329,9 | 359,9 | 384,9 | 409,9 | 447,4 | 482,4 |
| 1,31        | 52                           | 82,76             | 68                           | 108,23            | 184,6       | 204,6 | 219,6 | 249,7 | 274,7 | 294,7 | 324,8 | 349,8 | 374,8 | 412,3 | 447,3 |
| 1,32        | 68                           | 108,23            | 90                           | 143,24            | 136,4       | 156,5 | 171,6 | 201,7 | 226,8 | 246,9 | 276,9 | 302,0 | 327,0 | 364,6 | 399,6 |
| 1,33        | 60                           | 95,49             | 80                           | 127,32            | 159,2       | 179,3 | 194,3 | 224,4 | 249,5 | 269,5 | 299,6 | 324,6 | 349,6 | 387,2 | 422,2 |
| 1,33        | 48                           | 76,39             | 64                           | 101,86            | 194,6       | 214,6 | 229,6 | 259,7 | 284,7 | 304,7 | 334,8 | 359,8 | 384,8 | 422,3 | 457,3 |
| 1,33        | 36                           | 57,23             | 48                           | 76,39             | 229,8       | 249,8 | 264,8 | 294,8 | 319,9 | 339,9 | 369,9 | 394,9 | 419,9 | 457,4 | 492,4 |
| 1,36        | 44                           | 70,03             | 60                           | 95,49             | 204,6       | 224,6 | 239,7 | 269,7 | 294,7 | 314,7 | 344,8 | 369,8 | 394,8 | 432,3 | 467,3 |
| 1,37        | 38                           | 60,48             | 52                           | 82,76             | 222,2       | 242,2 | 257,3 | 287,3 | 312,3 | 332,3 | 362,3 | 387,3 | 412,4 | 449,9 | 484,9 |
| 1,38        | 52                           | 82,76             | 72                           | 114,59            | 179,3       | 199,4 | 214,4 | 244,5 | 269,5 | 289,6 | 319,6 | 344,6 | 369,7 | 407,2 | 442,2 |
| 1,38        | 32                           | 50,93             | 44                           | 70,03             | 239,8       | 259,8 | 274,8 | 304,9 | 329,9 | 349,9 | 379,9 | 404,9 | 429,9 | 467,4 | 502,4 |
| 1,40        | 40                           | 63,66             | 56                           | 89,13             | 214,6       | 234,7 | 249,7 | 279,7 | 304,7 | 324,8 | 354,8 | 379,8 | 404,8 | 442,3 | 477,3 |
| 1,41        | 64                           | 101,86            | 90                           | 143,24            | 141,0       | 161,2 | 176,3 | 206,5 | 231,6 | 251,6 | 281,7 | 306,8 | 331,9 | 369,4 | 404,5 |
| 1,41        | 34                           | 54,11             | 48                           | 76,39             | 232,2       | 252,3 | 267,3 | 297,3 | 322,3 | 342,3 | 372,3 | 397,3 | 422,4 | 459,9 | 494,9 |
| 1,42        | 48                           | 76,39             | 68                           | 108,23            | 189,3       | 209,4 | 224,4 | 254,5 | 279,5 | 299,6 | 329,6 | 354,6 | 379,7 | 417,2 | 452,2 |
| 1,43        | 56                           | 89,13             | 80                           | 127,32            | 163,9       | 184,0 | 199,1 | 229,2 | 254,3 | 274,3 | 304,4 | 329,4 | 354,5 | 392,0 | 427,1 |
| 1,44        | 36                           | 57,3              | 52                           | 82,76             | 224,6       | 244,7 | 259,7 | 289,7 | 314,7 | 334,8 | 364,8 | 389,8 | 414,8 | 452,3 | 487,3 |
| 1,45        | 44                           | 70,03             | 64                           | 101,86            | 199,4       | 219,4 | 234,5 | 264,5 | 289,6 | 309,6 | 339,6 | 364,7 | 389,7 | 427,2 | 462,2 |
| 1,47        | 38                           | 60,48             | 56                           | 89,13             | 217,0       | 237,1 | 252,1 | 282,1 | 307,2 | 327,2 | 357,2 | 382,2 | 407,2 | 444,8 | 479,8 |
| 1,50        | 60                           | 95,49             | 90                           | 143,24            | 145,5       | 165,8 | 180,9 | 211,1 | 236,3 | 256,4 | 286,5 | 311,6 | 336,7 | 374,2 | 409,3 |
| 1,50        | 48                           | 76,39             | 72                           | 114,59            | 184,0       | 204,1 | 219,2 | 249,3 | 274,3 | 294,4 | 324,4 | 349,5 | 374,5 | 412,1 | 447,1 |
| 1,50        | 40                           | 63,66             | 60                           | 95,49             | 209,4       | 229,4 | 244,5 | 274,5 | 299,6 | 319,6 | 349,6 | 374,7 | 399,7 | 437,2 | 472,2 |
| 1,50        | 32                           | 50,93             | 48                           | 76,39             | 234,7       | 254,7 | 269,7 | 299,7 | 324,8 | 344,8 | 374,8 | 399,8 | 424,8 | 462,3 | 497,3 |
| 1,53        | 34                           | 54,11             | 52                           | 82,76             | 227,0       | 247,1 | 262,1 | 292,1 | 317,2 | 337,2 | 367,2 | 392,2 | 417,3 | 454,8 | 489,8 |

# Centre distances

## Section 5M

Table 4d

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             |                              |                   |                              |                   | 670         | 710   | 740   | 800   | 850   | 890   | 950   | 1 000 | 1 050 | 1 125 | 1 195 |       |       |
|             |                              | mm                | mm                           |                   | mm          |       |       |       |       |       |       |       |       |       |       |       |       |
| 1,54        | 52                           | 82,76             | 80                           | 127,32            | 168,5       | 188,7 | 203,8 | 233,9 | 259,0 | 279,1 | 309,2 | 334,3 | 359,3 | 396,9 | 431,9 |       |       |
| 1,55        | 44                           | 70,03             | 68                           | 108,23            | 194,1       | 214,1 | 229,2 | 259,3 | 284,4 | 304,4 | 334,5 | 359,5 | 384,5 | 422,1 | 457,1 |       |       |
| 1,56        | 72                           | 114,59            | 112                          | 178,25            | –           | –     | –     | 167,0 | 192,4 | 212,6 | 242,9 | 268,1 | 293,3 | 331,0 | 366,1 |       |       |
| 1,56        | 36                           | 57,3              | 56                           | 89,13             | 219,4       | 239,5 | 254,5 | 284,6 | 309,6 | 329,6 | 359,6 | 384,7 | 409,7 | 447,2 | 482,2 |       |       |
| 1,58        | 38                           | 60,48             | 60                           | 95,49             | 211,8       | 231,8 | 246,9 | 276,9 | 302,0 | 322,0 | 352,1 | 377,1 | 402,1 | 439,7 | 474,7 |       |       |
| 1,60        | 40                           | 63,66             | 64                           | 101,86            | 204,1       | 224,2 | 239,2 | 269,3 | 294,4 | 314,4 | 344,5 | 369,5 | 394,5 | 432,1 | 467,1 |       |       |
| 1,61        | 56                           | 89,13             | 90                           | 143,24            | 150,1       | 170,3 | 185,5 | 215,8 | 241,0 | 261,1 | 291,2 | 316,3 | 341,4 | 379,0 | 414,1 |       |       |
| 1,63        | 32                           | 50,93             | 52                           | 82,76             | 229,4       | 249,5 | 264,5 | 294,6 | 319,6 | 339,6 | 369,7 | 394,7 | 419,7 | 457,2 | 492,2 |       |       |
| 1,64        | 44                           | 70,03             | 72                           | 114,59            | 188,7       | 208,8 | 223,9 | 254,0 | 279,1 | 299,2 | 329,2 | 354,3 | 379,3 | 416,9 | 452,0 |       |       |
| 1,65        | 68                           | 108,23            | 112                          | 178,25            | –           | –     | –     | 171,4 | 196,9 | 217,2 | 247,5 | 272,7 | 297,9 | 335,7 | 370,8 |       |       |
| 1,65        | 34                           | 54,11             | 56                           | 89,13             | 221,8       | 241,9 | 256,9 | 287,0 | 312,0 | 332,0 | 362,1 | 387,1 | 412,1 | 449,7 | 484,7 |       |       |
| 1,67        | 48                           | 76,39             | 80                           | 127,32            | 173,1       | 193,3 | 208,4 | 238,6 | 263,8 | 283,9 | 314,0 | 339,0 | 364,1 | 401,7 | 436,8 |       |       |
| 1,67        | 36                           | 57,3              | 60                           | 95,49             | 214,1       | 234,2 | 249,3 | 279,3 | 304,4 | 324,4 | 354,5 | 379,5 | 404,5 | 442,1 | 477,1 |       |       |
| 1,68        | 38                           | 60,48             | 64                           | 101,86            | 206,5       | 226,6 | 241,6 | 271,7 | 296,8 | 316,8 | 346,9 | 371,9 | 397,0 | 434,5 | 469,5 |       |       |
| 1,70        | 40                           | 63,66             | 68                           | 108,23            | 198,7       | 218,9 | 233,9 | 264,1 | 289,1 | 309,2 | 339,3 | 364,3 | 389,4 | 426,9 | 462,0 |       |       |
| 1,73        | 52                           | 82,76             | 90                           | 143,24            | 154,5       | 174,9 | 190,1 | 220,4 | 245,6 | 265,8 | 296,0 | 321,1 | 346,2 | 383,8 | 418,9 |       |       |
| 1,75        | 64                           | 101,86            | 112                          | 178,25            | –           | –     | –     | 175,8 | 201,4 | 221,7 | 252,1 | 277,4 | 302,6 | 340,4 | 375,6 |       |       |
| 1,75        | 32                           | 50,93             | 56                           | 89,13             | 224,2       | 244,3 | 259,3 | 289,4 | 314,4 | 334,5 | 364,5 | 389,5 | 414,6 | 452,1 | 487,1 |       |       |
| 1,76        | 34                           | 54,11             | 60                           | 95,49             | 216,5       | 236,6 | 251,6 | 281,7 | 306,8 | 326,8 | 356,9 | 381,9 | 407,0 | 444,5 | 479,6 |       |       |
| 1,78        | 36                           | 57,30             | 64                           | 101,86            | 208,8       | 228,9 | 244,0 | 274,1 | 299,2 | 319,2 | 349,3 | 374,3 | 399,4 | 436,9 | 472,0 |       |       |
| 1,79        | 38                           | 60,48             | 68                           | 108,23            | 201,1       | 221,2 | 236,3 | 266,4 | 291,5 | 311,6 | 341,7 | 366,7 | 391,8 | 429,3 | 464,4 |       |       |
| 1,80        | 40                           | 63,66             | 72                           | 114,59            | 193,3       | 213,5 | 228,6 | 258,7 | 283,9 | 303,9 | 334,0 | 359,1 | 384,2 | 421,7 | 456,8 |       |       |
| 1,82        | 44                           | 70,03             | 80                           | 127,32            | 177,7       | 197,9 | 213,1 | 243,3 | 268,5 | 288,6 | 318,7 | 343,8 | 368,9 | 406,5 | 441,6 |       |       |
| 1,87        | 60                           | 95,49             | 112                          | 178,25            | –           | –     | –     | 149,2 | 180,2 | 205,8 | 226,2 | 256,7 | 282,0 | 307,2 | 345,0 | 380,2 |       |
| 1,88        | 48                           | 76,39             | 90                           | 143,24            | 159,0       | 179,4 | 194,6 | 225,0 | 250,3 | 270,4 | 300,6 | 325,8 | 350,9 | 388,6 | 423,7 |       |       |
| 1,88        | 34                           | 54,11             | 64                           | 101,86            | 211,1       | 231,3 | 246,3 | 276,5 | 301,6 | 321,6 | 351,7 | 376,7 | 401,8 | 439,4 | 474,4 |       |       |
| 1,88        | 32                           | 50,93             | 60                           | 95,49             | 218,9       | 239,0 | 254,0 | 284,1 | 309,2 | 329,2 | 359,3 | 384,4 | 409,4 | 446,9 | 482,0 |       |       |
| 1,89        | 38                           | 60,48             | 72                           | 114,59            | 195,6       | 215,8 | 230,9 | 261,1 | 286,2 | 306,3 | 336,4 | 361,5 | 386,6 | 424,1 | 459,2 |       |       |
| 1,89        | 36                           | 57,30             | 68                           | 108,23            | 203,4       | 223,5 | 238,6 | 268,8 | 293,9 | 314,0 | 344,1 | 369,1 | 394,2 | 431,7 | 466,8 |       |       |
| 2,00        | 56                           | 89,13             | 112                          | 178,25            | –           | –     | –     | 153,5 | 184,6 | 210,3 | 230,7 | 261,2 | 286,5 | 311,8 | 349,7 | 384,9 |       |
| 2,00        | 40                           | 63,66             | 80                           | 127,32            | 182,2       | 202,5 | 217,7 | 248,0 | 273,1 | 293,3 | 323,4 | 348,5 | 373,6 | 411,3 | 446,4 |       |       |
| 2,00        | 36                           | 57,30             | 72                           | 114,59            | 197,9       | 218,1 | 233,2 | 263,4 | 288,6 | 308,7 | 338,8 | 363,9 | 388,9 | 426,5 | 461,6 |       |       |
| 2,00        | 34                           | 54,11             | 68                           | 108,23            | 205,7       | 225,9 | 241,0 | 271,1 | 296,3 | 316,3 | 346,4 | 371,5 | 396,6 | 434,2 | 469,2 |       |       |
| 2,00        | 32                           | 50,93             | 64                           | 101,86            | 213,5       | 233,6 | 248,7 | 278,8 | 303,9 | 324,0 | 354,1 | 379,1 | 404,2 | 441,8 | 476,8 |       |       |
| 2,05        | 44                           | 70,03             | 90                           | 143,24            | 163,4       | 183,8 | 199,1 | 229,6 | 254,9 | 275,1 | 305,3 | 330,5 | 355,6 | 393,3 | 428,4 |       |       |
| 2,11        | 38                           | 60,48             | 80                           | 127,32            | 184,5       | 204,8 | 220,0 | 250,3 | 275,5 | 295,6 | 325,8 | 350,9 | 376,0 | 413,6 | 448,8 |       |       |
| 2,12        | 34                           | 54,11             | 72                           | 114,59            | 200,2       | 220,4 | 235,6 | 265,8 | 290,9 | 311,0 | 341,2 | 366,3 | 391,3 | 428,9 | 464,0 |       |       |
| 2,13        | 32                           | 50,93             | 68                           | 108,23            | 208,0       | 228,2 | 243,3 | 273,5 | 298,6 | 318,7 | 348,8 | 373,9 | 399,0 | 436,6 | 471,6 |       |       |
| 2,15        | 52                           | 82,76             | 112                          | 178,25            | –           | –     | –     | 141,9 | 157,7 | 188,9 | 214,7 | 235,1 | 257,1 | 291,1 | 316,4 | 354,3 | 389,6 |
| 2,22        | 36                           | 57,30             | 80                           | 127,32            | 186,7       | 207,0 | 222,2 | 252,6 | 277,8 | 297,9 | 328,1 | 353,3 | 378,4 | 416,0 | 451,1 |       |       |
| 2,25        | 40                           | 63,66             | 90                           | 143,24            | 167,8       | 188,3 | 203,6 | 234,1 | 259,4 | 279,7 | 309,9 | 335,1 | 360,3 | 398,0 | 433,2 |       |       |
| 2,25        | 32                           | 50,93             | 72                           | 114,59            | 202,5       | 222,7 | 237,9 | 268,1 | 293,3 | 313,4 | 343,5 | 368,6 | 393,7 | 431,3 | 466,4 |       |       |
| 2,33        | 48                           | 76,39             | 112                          | 178,25            | –           | –     | –     | 146,0 | 161,9 | 192,2 | 219,1 | 239,6 | 270,2 | 295,6 | 321,0 | 358,9 | 394,2 |
| 2,35        | 34                           | 54,11             | 80                           | 127,32            | 188,9       | 209,3 | 224,5 | 254,9 | 280,1 | 300,3 | 330,5 | 355,6 | 380,7 | 418,4 | 453,5 |       |       |
| 2,37        | 38                           | 60,48             | 90                           | 143,24            | 169,9       | 190,5 | 205,8 | 236,4 | 261,7 | 282,0 | 312,3 | 337,5 | 362,6 | 400,4 | 435,5 |       |       |
| 2,50        | 36                           | 57,30             | 90                           | 143,24            | 172,1       | 192,7 | 208,0 | 238,6 | 264,0 | 284,2 | 314,6 | 339,8 | 365,0 | 402,7 | 437,9 |       |       |
| 2,50        | 32                           | 50,93             | 80                           | 127,32            | 191,2       | 211,5 | 226,8 | 257,2 | 282,4 | 302,6 | 332,8 | 358,0 | 383,1 | 420,8 | 455,9 |       |       |
| 2,55        | 44                           | 70,03             | 112                          | 178,25            | –           | –     | –     | 150,1 | 166,1 | 197,5 | 223,4 | 244,0 | 274,7 | 300,1 | 325,5 | 363,5 | 398,8 |
| 2,65        | 34                           | 54,11             | 90                           | 143,24            | 174,3       | 194,9 | 210,3 | 240,9 | 266,3 | 286,5 | 316,9 | 342,1 | 367,3 | 405,0 | 440,2 |       |       |
| 2,80        | 40                           | 63,66             | 112                          | 178,25            | 132,4       | 154,2 | 170,3 | 201,8 | 227,8 | 248,4 | 279,1 | 304,6 | 330,0 | 368,0 | 403,4 |       |       |
| 2,81        | 32                           | 50,93             | 90                           | 143,24            | 176,4       | 197,1 | 212,5 | 243,1 | 268,5 | 288,8 | 319,2 | 344,4 | 369,6 | 407,4 | 442,6 |       |       |
| 2,95        | 38                           | 60,48             | 112                          | 178,25            | 134,4       | 156,3 | 172,3 | 203,9 | 229,9 | 250,5 | 281,3 | 306,8 | 332,3 | 370,3 | 405,7 |       |       |
| 3,11        | 36                           | 57,30             | 112                          | 178,25            | 136,4       | 158,3 | 174,4 | 206,1 | 232,1 | 252,7 | 283,5 | 309,1 | 334,5 | 372,6 | 408,0 |       |       |
| 3,29        | 34                           | 54,11             | 112                          | 178,25            | 138,3       | 160,3 | 176,5 | 208,2 | 234,2 | 254,9 | 285,7 | 311,3 | 336,8 | 374,8 | 410,3 |       |       |
| 3,50        | 32                           | 50,95             | 112                          | 178,25            | 140,3       | 162,4 | 178,5 | 210,3 | 236,4 | 257,1 | 287,9 | 313,5 | 339,0 | 377,1 | 412,6 |       |       |



Centre distances  
Section 8M

Table 4e

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |       |       |       |       |       |       |       |       |       |       |       |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             |                              |                   |                              |                   | 480         | 560   | 600   | 640   | 720   | 800   | 880   | 960   | 1 040 | 1 120 | 1 200 | 1 280 |
|             |                              | mm                |                              | mm                |             |       |       |       |       |       |       |       |       |       |       |       |
| 1,00        | 80                           | 203,72            | 80                           | 203,72            | -           | -     | -     | -     | -     | -     | -     | -     | 240,0 | 280,0 | 320,0 | -     |
| 1,00        | 72                           | 183,35            | 72                           | 183,35            | -           | -     | -     | -     | -     | -     | -     | -     | 232,0 | 272,0 | 312,0 | 352,0 |
| 1,00        | 64                           | 162,97            | 64                           | 162,97            | -           | -     | -     | -     | -     | -     | -     | -     | 224,0 | 264,0 | 304,0 | 344,0 |
| 1,00        | 56                           | 142,60            | 56                           | 142,60            | -           | -     | -     | -     | -     | -     | 176,0 | 216,0 | 256,0 | 296,0 | 336,0 | 376,0 |
| 1,00        | 48                           | 122,23            | 48                           | 122,23            | -           | -     | -     | -     | -     | 168,0 | 208,0 | 248,0 | 288,0 | 328,0 | 368,0 | 408,0 |
| 1,00        | 44                           | 112,05            | 44                           | 112,05            | -           | -     | 124,0 | 144,0 | 184,0 | 224,0 | 264,0 | 304,0 | 344,0 | 384,0 | 424,0 | 464,0 |
| 1,00        | 40                           | 101,86            | 40                           | 101,86            | -           | 120,0 | 140,0 | 160,0 | 200,0 | 240,0 | 280,0 | 320,0 | 360,0 | 400,0 | 440,0 | 480,0 |
| 1,00        | 38                           | 96,77             | 38                           | 96,77             | -           | 128,0 | 148,0 | 168,0 | 208,0 | 248,0 | 288,0 | 328,0 | 368,0 | 408,0 | 448,0 | 488,0 |
| 1,00        | 36                           | 91,67             | 36                           | 91,67             | -           | 136,0 | 156,0 | 176,0 | 216,0 | 256,0 | 296,0 | 336,0 | 376,0 | 416,0 | 456,0 | 496,0 |
| 1,00        | 34                           | 86,58             | 34                           | 86,58             | 104,0       | 144,0 | 164,0 | 184,0 | 224,0 | 264,0 | 304,0 | 344,0 | 384,0 | 424,0 | 464,0 | 504,0 |
| 1,00        | 32                           | 81,49             | 32                           | 81,49             | 112,0       | 152,0 | 172,0 | 192,0 | 232,0 | 272,0 | 312,0 | 352,0 | 392,0 | 432,0 | 472,0 | 512,0 |
| 1,00        | 30                           | 76,39             | 30                           | 76,39             | 120,0       | 160,0 | 180,0 | 200,0 | 240,0 | 280,0 | 320,0 | 360,0 | 400,0 | 440,0 | 480,0 | 520,0 |
| 1,00        | 28                           | 71,30             | 28                           | 71,30             | 128,0       | 168,0 | 188,0 | 208,0 | 248,0 | 288,0 | 328,0 | 368,0 | 408,0 | 448,0 | 488,0 | 528,0 |
| 1,00        | 26                           | 66,21             | 26                           | 66,21             | 136,0       | 176,0 | 196,0 | 216,0 | 256,0 | 296,0 | 336,0 | 376,0 | 416,0 | 456,0 | 496,0 | 536,0 |
| 1,00        | 24                           | 61,12             | 24                           | 61,12             | 144,0       | 184,0 | 204,0 | 224,0 | 264,0 | 304,0 | 344,0 | 384,0 | 424,0 | 464,0 | 504,0 | 544,0 |
| 1,00        | 22                           | 56,02             | 22                           | 56,02             | 152,0       | 192,0 | 212,0 | 232,0 | 272,0 | 312,0 | 352,0 | 392,0 | 432,0 | 472,0 | 512,0 | 552,0 |
| 1,05        | 38                           | 96,77             | 40                           | 101,86            | -           | 124,0 | 144,0 | 164,0 | 204,0 | 244,0 | 284,0 | 324,0 | 364,0 | 404,0 | 444,0 | 484,0 |
| 1,06        | 36                           | 91,67             | 38                           | 96,77             | -           | 132,0 | 152,0 | 172,0 | 212,0 | 252,0 | 292,0 | 332,0 | 372,0 | 412,0 | 452,0 | 492,0 |
| 1,06        | 34                           | 86,58             | 36                           | 91,67             | 100,0       | 140,0 | 160,0 | 180,0 | 220,0 | 260,0 | 300,0 | 340,0 | 380,0 | 420,0 | 460,0 | 500,0 |
| 1,06        | 32                           | 81,49             | 34                           | 86,58             | 108,0       | 148,0 | 168,0 | 188,0 | 228,0 | 268,0 | 308,0 | 348,0 | 388,0 | 428,0 | 468,0 | 508,0 |
| 1,07        | 30                           | 76,39             | 32                           | 81,49             | 116,0       | 156,0 | 176,0 | 196,0 | 236,0 | 276,0 | 316,0 | 356,0 | 396,0 | 436,0 | 476,0 | 516,0 |
| 1,07        | 28                           | 71,30             | 30                           | 76,39             | 124,0       | 164,0 | 184,0 | 204,0 | 244,0 | 284,0 | 324,0 | 364,0 | 404,0 | 444,0 | 484,0 | 524,0 |
| 1,08        | 26                           | 66,21             | 28                           | 71,30             | 132,0       | 172,0 | 192,0 | 212,0 | 252,0 | 292,0 | 332,0 | 372,0 | 412,0 | 452,0 | 492,0 | 532,0 |
| 1,08        | 24                           | 61,12             | 26                           | 66,21             | 140,0       | 180,0 | 200,0 | 220,0 | 260,0 | 300,0 | 340,0 | 380,0 | 420,0 | 460,0 | 500,0 | 540,0 |
| 1,09        | 44                           | 112,05            | 48                           | 122,23            | -           | -     | -     | 135,9 | 175,9 | 215,9 | 255,9 | 296,0 | 336,0 | 376,0 | 416,0 | 456,0 |
| 1,09        | 22                           | 56,02             | 24                           | 61,12             | 148,0       | 188,0 | 208,0 | 228,0 | 268,0 | 308,0 | 348,0 | 388,0 | 428,0 | 468,0 | 508,0 | 548,0 |
| 1,10        | 40                           | 101,86            | 44                           | 112,05            | -           | -     | 131,9 | 151,9 | 191,9 | 231,9 | 272,0 | 312,0 | 352,0 | 392,0 | 432,0 | 472,0 |
| 1,11        | 72                           | 183,35            | 80                           | 203,72            | -           | -     | -     | -     | -     | -     | -     | -     | 215,8 | 255,8 | 295,8 | 335,8 |
| 1,11        | 36                           | 91,67             | 40                           | 101,86            | -           | 127,9 | 147,9 | 167,9 | 207,9 | 247,9 | 288,0 | 328,0 | 368,0 | 408,0 | 448,0 | 488,0 |
| 1,12        | 34                           | 86,58             | 38                           | 96,77             | -           | 135,9 | 155,9 | 175,9 | 215,9 | 255,9 | 296,0 | 336,0 | 376,0 | 416,0 | 456,0 | 496,0 |
| 1,13        | 80                           | 203,72            | 90                           | 229,18            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | 259,7 | 299,7 |
| 1,13        | 64                           | 162,97            | 72                           | 183,35            | -           | -     | -     | -     | -     | -     | -     | 207,8 | 247,8 | 287,8 | 327,8 | 367,9 |
| 1,13        | 32                           | 81,49             | 36                           | 91,67             | 103,9       | 143,9 | 163,9 | 183,9 | 223,9 | 264,0 | 304,0 | 344,0 | 384,0 | 424,0 | 464,0 | 504,0 |
| 1,13        | 30                           | 76,39             | 34                           | 86,58             | 111,9       | 151,9 | 171,9 | 191,9 | 231,9 | 272,0 | 312,0 | 352,0 | 392,0 | 432,0 | 472,0 | 512,0 |
| 1,14        | 56                           | 142,60            | 64                           | 162,97            | -           | -     | -     | -     | -     | -     | 199,7 | 239,8 | 279,8 | 319,8 | 359,9 | 399,9 |
| 1,14        | 28                           | 71,30             | 32                           | 81,49             | 119,9       | 159,9 | 179,9 | 199,9 | 239,9 | 280,0 | 320,0 | 360,0 | 400,0 | 440,0 | 480,0 | 520,0 |
| 1,15        | 26                           | 66,21             | 30                           | 76,39             | 127,9       | 167,9 | 187,9 | 207,9 | 247,9 | 288,0 | 328,0 | 368,0 | 408,0 | 448,0 | 488,0 | 528,0 |
| 1,16        | 38                           | 96,77             | 44                           | 112,05            | -           | 115,7 | 135,8 | 155,8 | 195,9 | 235,9 | 275,9 | 315,9 | 355,9 | 395,9 | 435,9 | 475,9 |
| 1,17        | 48                           | 122,23            | 56                           | 142,60            | -           | -     | -     | -     | 151,7 | 191,7 | 231,8 | 271,8 | 311,8 | 351,9 | 391,9 | 431,9 |
| 1,17        | 24                           | 61,12             | 28                           | 71,30             | 135,9       | 175,9 | 195,9 | 215,9 | 255,9 | 296,0 | 336,0 | 376,0 | 416,0 | 456,0 | 496,0 | 536,0 |
| 1,18        | 34                           | 86,58             | 40                           | 101,86            | -           | 131,8 | 151,8 | 171,8 | 211,9 | 251,9 | 291,9 | 331,9 | 371,9 | 411,9 | 451,9 | 491,9 |
| 1,18        | 22                           | 56,02             | 26                           | 66,21             | 143,9       | 183,9 | 203,9 | 223,9 | 264,0 | 304,0 | 344,0 | 384,0 | 424,0 | 464,0 | 504,0 | 544,0 |
| 1,19        | 32                           | 81,49             | 38                           | 96,77             | 99,7        | 139,8 | 159,8 | 179,8 | 219,9 | 259,9 | 299,9 | 339,9 | 379,9 | 419,9 | 459,9 | 499,9 |
| 1,20        | 40                           | 101,86            | 48                           | 122,23            | -           | -     | 123,6 | 143,6 | 183,7 | 223,8 | 263,8 | 303,8 | 343,8 | 383,9 | 423,9 | 463,9 |
| 1,20        | 30                           | 76,39             | 36                           | 91,67             | 107,7       | 147,8 | 167,8 | 187,8 | 227,9 | 267,9 | 307,9 | 347,9 | 387,9 | 427,9 | 467,9 | 507,9 |
| 1,21        | 28                           | 71,30             | 34                           | 86,58             | 115,7       | 155,8 | 175,8 | 195,9 | 235,9 | 275,9 | 315,9 | 355,9 | 395,9 | 435,9 | 475,9 | 515,9 |
| 1,22        | 36                           | 91,67             | 44                           | 112,05            | -           | 119,6 | 139,6 | 159,7 | 199,7 | 239,8 | 279,8 | 319,8 | 359,9 | 399,9 | 439,9 | 479,9 |
| 1,23        | 26                           | 66,21             | 32                           | 81,49             | 123,8       | 163,8 | 183,8 | 203,9 | 243,9 | 283,9 | 323,9 | 363,9 | 403,9 | 443,9 | 483,9 | 523,9 |
| 1,25        | 72                           | 183,35            | 90                           | 229,18            | -           | -     | -     | -     | -     | -     | -     | -     | -     | 234,9 | 275,0 | 315,2 |
| 1,25        | 64                           | 162,97            | 80                           | 203,72            | -           | -     | -     | -     | -     | -     | -     | -     | 231,1 | 271,2 | 311,3 | 351,4 |
| 1,25        | 32                           | 81,49             | 40                           | 101,86            | -           | 135,6 | 155,7 | 175,7 | 215,8 | 255,8 | 295,8 | 335,8 | 375,9 | 415,9 | 455,9 | 495,9 |
| 1,25        | 24                           | 61,12             | 30                           | 76,39             | 131,8       | 171,8 | 191,8 | 211,9 | 251,9 | 291,9 | 331,9 | 371,9 | 411,9 | 451,9 | 491,9 | 531,9 |
| 1,26        | 38                           | 96,77             | 48                           | 122,23            | -           | -     | 127,4 | 147,4 | 187,6 | 227,6 | 267,7 | 307,7 | 347,8 | 387,8 | 427,8 | 467,8 |
| 1,27        | 44                           | 112,05            | 56                           | 142,60            | -           | -     | -     | -     | 159,3 | 199,4 | 239,5 | 279,6 | 319,6 | 359,7 | 399,7 | 439,7 |
| 1,27        | 30                           | 76,39             | 38                           | 96,77             | 103,5       | 143,6 | 163,7 | 183,7 | 223,8 | 263,8 | 303,8 | 343,8 | 383,9 | 423,9 | 463,9 | 503,9 |
| 1,27        | 22                           | 56,02             | 28                           | 71,30             | 139,8       | 179,8 | 199,9 | 219,9 | 259,9 | 299,9 | 339,9 | 379,9 | 419,9 | 459,9 | 499,9 | 539,9 |
| 1,29        | 56                           | 142,60            | 72                           | 183,35            | -           | -     | -     | -     | -     | -     | 182,9 | 223,1 | 263,2 | 303,3 | 343,4 | 383,5 |
| 1,29        | 34                           | 86,58             | 44                           | 112,05            | -           | 123,3 | 143,4 | 163,5 | 203,6 | 243,7 | 283,7 | 323,8 | 363,8 | 403,8 | 443,8 | 483,8 |
| 1,29        | 28                           | 71,30             | 36                           | 91,67             | 111,5       | 151,7 | 171,7 | 191,7 | 231,8 | 271,8 | 311,8 | 351,9 | 391,9 | 431,9 | 471,9 | 511,9 |
| 1,31        | 26                           | 66,21             | 34                           | 86,58             | 119,6       | 159,7 | 179,7 | 199,7 | 239,8 | 279,8 | 319,8 | 359,9 | 399,9 | 439,9 | 479,9 | 519,9 |
| 1,33        | 48                           | 122,23            | 64                           | 162,97            | -           | -     | -     | -     | -     | 174,8 | 215,0 | 255,2 | 295,3 | 335,4 | 375,4 | 415,5 |
| 1,33        | 36                           | 91,67             | 48                           | 122,23            | -           | -     | -     | 131,1 | 151,2 | 191,4 | 231,5 | 271,6 | 311,6 | 351,7 | 391,7 | 431,7 |
| 1,33        | 30                           | 76,39             | 40                           | 101,86            | 99,2        | 139,4 | 159,5 | 179,5 | 219,6 | 259,7 | 299,7 | 339,8 | 379,8 | 419,8 | 459,8 | 499,8 |
| 1,33        | 24                           | 61,12             | 32                           | 81,49             | 127,6       | 167,7 | 187,7 | 207,8 | 247,8 | 287,8 | 327,8 | 367,9 | 407,9 | 447,9 | 487,9 | 527,9 |
| 1,36        | 28                           | 71,30             | 38                           | 96,77             | 107,2       | 147,4 | 167,5 | 187,6 | 227,6 | 267,7 | 307,7 | 347,8 | 387,8 | 427,8 | 467,8 | 507,8 |
| 1,36        | 22                           | 56,02             | 30                           | 76,39             | 135,6       | 175,7 | 195,7 | 215,8 | 255,8 | 295,8 | 335,8 | 375,9 | 415,9 | 455,9 | 495,9 | 535,9 |
| 1,38        | 32                           | 81,49             | 44                           | 112,05            | -           | 127,1 | 147,2 | 167,3 | 207,4 | 247,5 | 287,6 | 327,6 | 367,7 | 407,7 | 447,7 | 487,8 |
| 1,38        | 26                           | 66,21             | 36                           | 91,67             | 115,3       | 155,5 | 175,5 | 195,6 | 235,7 | 275,7 | 315,7 | 355,8 | 395,8 | 435,8 | 475,8 | 515,8 |
| 1,40        | 80                           | 203,72            | 112                          | 285,21            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 252,7 |
| 1,40        | 40                           | 101,86            | 56                           | 142,60            | -           | -     | -     | -     | 166,8 | 207,0 | 247,2 | 287,3 | 327,4 | 367,4 | 407,5 | 447,5 |
| 1,41        | 64                           | 162,97            | 90                           | 229,18            | -           | -     | -     | -     | -     | -     | -     | -     | 209,4 | 249,8 | 290,1 | 330,3 |
| 1,41        | 34                           | 86,58             | 48                           | 122,23            | -           | 114,6 | 134,8 | 155,0 | 195,2 | 235,3 | 275,4 | 315,5 | 355,6 | 395,6 | 435,6 | 475,7 |
| 1,42        | 24                           | 61,12             | 34                           | 86,58             | 123,3       | 163,5 | 183,6 | 203,6 | 243,7 | 283,7 | 323,8 | 363,8 | 403,8 | 443,8 | 483,8 | 523,8 |
| 1,43        | 56                           | 142,60            | 80                           | 203,72            | -           | -     | -     | -     | -     | -     | -     | 205,7 | 246,1 | 286,4 | 326,6 | 366,7 |
| 1,43        | 28                           | 71,30             | 40                           | 101,86            | 102,9       | 143,2 | 163,3 | 183,4 | 233,5 | 263,6 | 303,6 | 343,7 | 383,7 | 423,7 | 463,7 | 503,8 |
| 1,45        | 44                           | 112,05            | 64                           | 162,97            | -           | -     | -     | -     | -     | 182,2 | 222,5 | 262,8 | 302,9 | 343,1 | 383,2 | 423,2 |
|             |                              |                   |                              |                   |             |       |       |       |       |       |       |       |       |       |       |       |



# Centre distances

## Section 8M

Table 4f

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             |                              |                   |                              |                   | 480         | 560   | 600   | 640   | 720   | 800   | 880   | 960   | 1 040 | 1 120 | 1 200 | 1 280 |       |
|             |                              | mm                | mm                           |                   | mm          |       |       |       |       |       |       |       |       |       |       |       |       |
| 1,50        | 48                           | 122,23            | 72                           | 183,35            | -           | -     | -     | -     | -     | -     | -     | 197,6 | 238,0 | 278,3 | 318,5 | 358,7 | 398,8 |
| 1,50        | 32                           | 81,49             | 48                           | 122,23            | -           | 118,2 | 138,5 | 158,7 | 199,0 | 239,1 | 279,3 | 319,4 | 359,4 | 399,5 | 439,5 | 479,6 |       |
| 1,50        | 24                           | 61,12             | 36                           | 91,67             | 119,0       | 159,3 | 179,3 | 199,4 | 239,5 | 279,6 | 319,6 | 359,7 | 399,7 | 439,7 | 479,8 | 519,8 |       |
| 1,54        | 26                           | 66,21             | 40                           | 101,86            | 106,5       | 146,9 | 167,0 | 187,2 | 227,3 | 267,4 | 307,5 | 347,5 | 387,6 | 427,6 | 467,7 | 507,7 |       |
| 1,55        | 22                           | 56,02             | 34                           | 86,58             | 127,1       | 167,3 | 187,4 | 207,4 | 247,5 | 287,6 | 327,6 | 367,7 | 407,7 | 447,7 | 487,8 | 527,8 |       |
| 1,56        | 72                           | 183,35            | 112                          | 285,21            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 267,1 |       |
| 1,56        | 36                           | 91,67             | 56                           | 142,60            | -           | -     | -     | 133,6 | 174,1 | 214,5 | 254,7 | 294,9 | 335,0 | 375,1 | 415,2 | 455,3 |       |
| 1,57        | 28                           | 71,30             | 44                           | 112,05            | -           | 134,5 | 154,7 | 174,8 | 215,0 | 255,2 | 295,3 | 335,4 | 375,4 | 415,5 | 455,5 | 495,6 |       |
| 1,58        | 24                           | 61,12             | 38                           | 96,77             | 114,6       | 155,0 | 175,1 | 195,2 | 235,3 | 275,4 | 315,5 | 355,6 | 395,6 | 435,6 | 475,7 | 515,7 |       |
| 1,60        | 40                           | 101,86            | 64                           | 162,97            | -           | -     | -     | -     | 148,9 | 189,5 | 230,0 | 270,3 | 310,5 | 350,7 | 390,8 | 430,9 |       |
| 1,60        | 30                           | 76,39             | 48                           | 122,23            | -           | 121,8 | 142,1 | 162,4 | 202,7 | 242,9 | 283,1 | 323,2 | 363,3 | 403,3 | 443,4 | 483,5 |       |
| 1,61        | 56                           | 142,60            | 90                           | 229,18            | -           | -     | -     | -     | -     | -     | -     | -     | 223,8 | 264,4 | 304,9 | 345,3 |       |
| 1,64        | 44                           | 112,05            | 72                           | 183,35            | -           | -     | -     | -     | -     | 164,1 | 204,9 | 245,4 | 285,8 | 326,0 | 366,3 | 406,4 |       |
| 1,64        | 22                           | 56,02             | 36                           | 91,67             | 122,7       | 163,0 | 183,1 | 203,2 | 243,3 | 283,4 | 323,5 | 363,6 | 403,6 | 443,6 | 483,7 | 523,7 |       |
| 1,65        | 34                           | 86,58             | 56                           | 142,60            | -           | -     | -     | 137,1 | 177,8 | 218,2 | 258,5 | 298,7 | 338,8 | 379,0 | 419,1 | 459,1 |       |
| 1,67        | 48                           | 122,23            | 80                           | 203,72            | -           | -     | -     | -     | -     | -     | 179,4 | 220,2 | 260,8 | 301,2 | 341,6 | 381,8 |       |
| 1,67        | 24                           | 61,12             | 40                           | 101,86            | 110,1       | 150,6 | 170,8 | 190,9 | 231,1 | 271,2 | 311,3 | 351,4 | 391,5 | 431,5 | 471,6 | 511,6 |       |
| 1,68        | 38                           | 96,77             | 64                           | 162,97            | -           | -     | -     | -     | 152,4 | 193,2 | 233,7 | 274,0 | 314,3 | 354,5 | 394,6 | 434,7 |       |
| 1,69        | 26                           | 66,21             | 44                           | 112,05            | -           | 138,1 | 158,3 | 178,5 | 218,8 | 259,0 | 299,1 | 339,2 | 379,3 | 419,4 | 459,4 | 499,5 |       |
| 1,71        | 28                           | 71,30             | 48                           | 122,23            | -           | 125,4 | 145,8 | 166,0 | 206,4 | 246,7 | 286,9 | 327,0 | 367,1 | 407,2 | 447,3 | 487,3 |       |
| 1,73        | 22                           | 56,02             | 38                           | 96,77             | 118,2       | 158,7 | 178,8 | 199,0 | 239,1 | 279,3 | 319,4 | 359,4 | 399,5 | 439,5 | 479,6 | 519,6 |       |
| 1,75        | 64                           | 162,97            | 112                          | 285,21            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | 240,2 | 281,3 |       |
| 1,75        | 32                           | 81,49             | 56                           | 142,60            | -           | -     | -     | -     | 140,7 | 181,4 | 221,9 | 262,2 | 302,5 | 342,6 | 382,8 | 422,9 |       |
| 1,78        | 36                           | 91,67             | 64                           | 162,97            | -           | -     | -     | -     | 155,9 | 196,8 | 237,3 | 277,7 | 318,0 | 358,2 | 398,4 | 438,6 |       |
| 1,80        | 80                           | 203,72            | 144                          | 366,69            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |       |
| 1,80        | 40                           | 101,86            | 72                           | 183,35            | -           | -     | -     | -     | -     | 171,1 | 212,1 | 252,7 | 293,2 | 333,5 | 373,8 | 414,0 |       |
| 1,82        | 44                           | 112,05            | 80                           | 203,72            | -           | -     | -     | -     | -     | -     | 186,3 | 227,4 | 268,1 | 308,6 | 349,0 | 389,3 |       |
| 1,82        | 22                           | 56,02             | 40                           | 101,86            | 113,7       | 154,3 | 174,5 | 194,6 | 234,9 | 275,0 | 315,2 | 355,3 | 395,3 | 435,4 | 475,4 | 515,5 |       |
| 1,83        | 24                           | 61,12             | 44                           | 112,05            | 100,8       | 141,7 | 162,0 | 182,2 | 222,5 | 262,8 | 302,9 | 343,1 | 383,2 | 423,2 | 463,3 | 503,4 |       |
| 1,85        | 26                           | 66,21             | 48                           | 122,23            | -           | 128,9 | 149,4 | 169,7 | 210,1 | 250,4 | 290,6 | 330,8 | 370,9 | 411,0 | 451,1 | 491,2 |       |
| 1,87        | 30                           | 76,39             | 56                           | 142,60            | -           | -     | -     | 123,5 | 144,2 | 185,0 | 225,6 | 265,9 | 306,2 | 346,4 | 386,6 | 426,7 |       |
| 1,88        | 48                           | 122,23            | 90                           | 229,18            | -           | -     | -     | -     | -     | -     | -     | 196,7 | 238,0 | 278,9 | 319,5 | 360,0 |       |
| 1,88        | 34                           | 86,58             | 64                           | 162,97            | -           | -     | -     | -     | 159,4 | 200,3 | 241,0 | 281,4 | 321,7 | 362,0 | 402,2 | 442,3 |       |
| 1,89        | 38                           | 96,77             | 72                           | 183,35            | -           | -     | -     | -     | -     | 174,6 | 215,6 | 256,3 | 296,8 | 337,2 | 377,5 | 417,8 |       |
| 2,00        | 72                           | 183,35            | 144                          | 366,69            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |       |
| 2,00        | 56                           | 142,60            | 112                          | 285,21            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | 253,9 | 295,4 |       |
| 2,00        | 40                           | 101,86            | 80                           | 203,72            | -           | -     | -     | -     | -     | -     | 193,2 | 234,4 | 275,3 | 315,9 | 356,4 | 396,7 |       |
| 2,00        | 36                           | 91,67             | 72                           | 183,35            | -           | -     | -     | -     | -     | 178,1 | 219,2 | 259,9 | 300,5 | 340,9 | 381,2 | 421,5 |       |
| 2,00        | 32                           | 81,49             | 64                           | 162,97            | -           | -     | -     | -     | 152,9 | 203,9 | 244,6 | 285,1 | 325,4 | 365,7 | 406,0 | 446,1 |       |
| 2,00        | 28                           | 71,30             | 56                           | 142,60            | -           | -     | 127,0 | 147,7 | 188,6 | 229,2 | 269,6 | 309,9 | 350,2 | 390,4 | 430,5 | 470,6 |       |
| 2,00        | 24                           | 61,12             | 48                           | 122,23            | -           | 132,5 | 152,9 | 173,3 | 213,8 | 254,2 | 294,4 | 334,6 | 374,8 | 414,9 | 455,0 | 495,1 |       |
| 2,00        | 22                           | 56,02             | 44                           | 112,05            | 104,2       | 145,3 | 165,6 | 185,9 | 226,3 | 266,5 | 306,7 | 346,9 | 387,0 | 427,1 | 467,2 | 507,2 |       |
| 2,05        | 44                           | 112,05            | 90                           | 229,18            | -           | -     | -     | -     | -     | -     | 203,5 | 245,0 | 286,0 | 326,7 | 367,3 | 407,3 |       |
| 2,11        | 38                           | 96,77             | 80                           | 203,72            | -           | -     | -     | -     | -     | -     | 196,7 | 238,0 | 278,9 | 319,5 | 360,0 | 400,4 |       |
| 2,12        | 34                           | 86,58             | 72                           | 183,35            | -           | -     | -     | -     | -     | 181,5 | 222,7 | 263,5 | 304,1 | 344,6 | 385,0 | 425,2 |       |
| 2,13        | 30                           | 76,39             | 64                           | 162,97            | -           | -     | -     | -     | 166,3 | 207,5 | 248,2 | 288,7 | 329,1 | 369,5 | 409,7 | 449,9 |       |
| 2,15        | 26                           | 66,21             | 56                           | 142,60            | -           | -     | -     | 130,4 | 151,1 | 192,2 | 232,9 | 273,3 | 313,7 | 353,9 | 394,1 | 434,3 |       |
| 2,18        | 22                           | 56,02             | 48                           | 122,23            | -           | 135,9 | 156,5 | 176,9 | 217,5 | 257,9 | 298,2 | 338,4 | 378,6 | 418,7 | 458,8 | 498,9 |       |
| 2,22        | 36                           | 91,67             | 80                           | 203,72            | -           | -     | -     | -     | 158,0 | 200,1 | 241,5 | 282,4 | 323,1 | 363,7 | 404,1 | 444,1 |       |
| 2,25        | 64                           | 162,97            | 144                          | 366,69            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |       |
| 2,25        | 40                           | 101,86            | 90                           | 229,18            | -           | -     | -     | -     | -     | -     | 210,3 | 251,9 | 293,1 | 333,9 | 374,6 | 414,6 |       |
| 2,25        | 32                           | 81,49             | 72                           | 183,35            | -           | -     | -     | -     | 142,8 | 184,9 | 226,2 | 267,1 | 307,8 | 348,3 | 388,7 | 429,0 |       |
| 2,29        | 28                           | 71,30             | 64                           | 162,97            | -           | -     | -     | 127,7 | 169,8 | 211,0 | 251,8 | 292,4 | 332,8 | 373,2 | 413,5 | 453,7 |       |
| 2,33        | 48                           | 122,23            | 112                          | 285,21            | -           | -     | -     | -     | -     | -     | -     | -     | -     | 225,1 | 265,5 | 305,7 |       |
| 2,33        | 24                           | 61,12             | 56                           | 142,60            | -           | 112,5 | 133,7 | 154,6 | 195,7 | 236,5 | 277,0 | 317,4 | 357,7 | 397,9 | 438,1 | 478,3 |       |
| 2,35        | 34                           | 86,58             | 80                           | 203,72            | -           | -     | -     | -     | -     | 161,2 | 203,5 | 245,0 | 286,0 | 326,7 | 367,3 | 407,8 |       |
| 2,37        | 38                           | 96,77             | 90                           | 229,18            | -           | -     | -     | -     | -     | -     | 171,0 | 213,7 | 255,4 | 296,6 | 337,5 | 378,2 |       |
| 2,40        | 80                           | 203,72            | 192                          | 488,92            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |       |
| 2,40        | 30                           | 76,39             | 72                           | 183,35            | -           | -     | -     | -     | 146,1 | 188,4 | 229,7 | 270,7 | 311,4 | 351,9 | 392,4 | 432,7 |       |
| 2,46        | 26                           | 66,21             | 64                           | 162,97            | -           | -     | -     | 131,0 | 173,2 | 214,5 | 255,4 | 296,0 | 336,5 | 376,9 | 417,2 | 457,4 |       |
| 2,50        | 36                           | 91,67             | 90                           | 229,18            | -           | -     | -     | -     | -     | -     | 174,3 | 217,0 | 258,8 | 300,1 | 341,0 | 381,8 |       |
| 2,50        | 32                           | 81,49             | 80                           | 203,72            | -           | -     | -     | -     | -     | 164,5 | 206,9 | 248,4 | 289,5 | 330,3 | 371,0 | 411,5 |       |
| 2,55        | 44                           | 112,05            | 112                          | 285,21            | -           | -     | -     | -     | -     | -     | -     | -     | -     | 231,6 | 274,2 | 316,1 |       |
| 2,55        | 22                           | 56,02             | 56                           | 142,60            | -           | 115,8 | 137,1 | 158,0 | 199,3 | 240,1 | 280,7 | 321,1 | 361,4 | 401,7 | 441,9 | 482,1 |       |
| 2,57        | 56                           | 142,60            | 144                          | 366,69            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |       |
| 2,57        | 28                           | 71,30             | 72                           | 183,35            | -           | -     | -     | -     | 149,4 | 191,8 | 233,2 | 274,3 | 315,0 | 355,6 | 396,0 | 436,4 |       |
| 2,65        | 34                           | 86,58             | 90                           | 229,18            | -           | -     | -     | -     | -     | -     | 177,5 | 220,4 | 262,2 | 303,6 | 344,6 | 385,4 |       |
| 2,67        | 72                           | 183,35            | 192                          | 488,92            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |       |
| 2,67        | 30                           | 76,39             | 80                           | 203,72            | -           | -     | -     | -     | -     | 167,8 | 210,3 | 251,9 | 293,1 | 333,9 | 374,6 | 415,1 |       |
| 2,67        | 24                           | 61,12             | 64                           | 162,97            | -           | -     | -     | 134,2 | 176,6 | 218,0 | 259,0 | 299,7 | 340,2 | 380,6 | 420,9 | 461,2 |       |
| 2,77        | 26                           | 66,21             | 72                           | 183,35            | -           | -     | -     | -     | 152,6 | 195,1 | 236,7 | 277,8 | 318,6 | 359,2 | 399,7 | 440,1 |       |
| 2,80        | 40                           | 101,86            | 112                          | 285,21            | -           | -     | -     | -     | -     | -     | -     | -     | -     | 238,1 | 280,9 | 322,9 |       |
| 2,81        | 32                           | 81,49             | 90                           | 229,18            | -           | -     | -     | -     | -     | -     | 180,7 | 223,7 | 265,7 | 307,1 | 348,1 | 389,0 |       |
| 2,86        | 28                           | 71,30             | 80                           | 203,72            | -           | -     | -     | -     | -     | 171,0 | 213,7 | 255,4 | 296,6 | 337,5 | 378,2 | 418,8 |       |
| 2,91        | 22                           | 56,02             | 64                           | 162,97            | -           | -     | -     | 137,5 | 180,0 | 221,5 | 262,5 | 303,3 | 343,8 | 384,3 | 424,6 | 464,9 |       |
| 2,95        | 38                           | 96,77             | 112                          | 285,21            | -           | -     | -     | -     | -     | -     | -     | -     | 197,0 | 241,4 | 284,2 | 326,3 |       |
| 3,00        | 64                           | 162,97            | 192                          | 488,92            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |       |
| 3,00        | 48                           | 122,23            | 144                          | 366,69            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |       |
| 3,00        | 30                           | 76,39             | 90                           | 229,18            | -           | -     | -     | -     | -     | -     | 183,9 | 227,0 | 269,1 | 310,6 | 351,7 | 392,5 |       |
| 3,00        | 24                           | 61,12             | 72                           | 183,35            | -           | -     | -     | -     | 155,9 | 198,5 | 240,2 | 281,3 | 322,2 | 362,8 | 403,4 | 443,8 |       |



Centre distances  
Section 8M

Table 4g

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |     |     |     |     |       |       |       |       |       |       |       |       |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
|             |                              |                   |                              |                   | 480         | 560 | 600 | 640 | 720 | 800   | 880   | 960   | 1 040 | 1 120 | 1 200 | 1 280 |       |
|             |                              | mm                | mm                           |                   | mm          |     |     |     |     |       |       |       |       |       |       |       |       |
| 3,08        | 26                           | 66,21             | 80                           | 203,72            | -           | -   | -   | -   | -   | -     | 174,3 | 217,0 | 258,8 | 300,1 | 341,0 | 381,8 | 422,4 |
| 3,11        | 36                           | 91,67             | 112                          | 285,21            | -           | -   | -   | -   | -   | -     | -     | -     | -     | 200,1 | 244,6 | 287,6 | 329,7 |
| 3,21        | 28                           | 71,3              | 90                           | 229,18            | -           | -   | -   | -   | -   | -     | -     | -     | 187,1 | 230,3 | 272,5 | 314,0 | 355,2 |
| 3,27        | 44                           | 112,05            | 144                          | 366,69            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 3,27        | 22                           | 56,02             | 72                           | 183,35            | -           | -   | -   | -   | -   | 159,1 | 201,9 | 243,6 | 284,9 | 325,8 | 366,5 | 407,0 | 447,5 |
| 3,29        | 34                           | 86,58             | 112                          | 285,21            | -           | -   | -   | -   | -   | -     | -     | -     | -     | 203,2 | 247,8 | 290,9 | 333,1 |
| 3,33        | 24                           | 61,12             | 80                           | 203,72            | -           | -   | -   | -   | -   | -     | 177,5 | 220,4 | 262,2 | 303,6 | 344,6 | 385,4 | 426,0 |
| 3,43        | 56                           | 142,6             | 192                          | 488,92            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 3,46        | 26                           | 66,21             | 90                           | 229,18            | -           | -   | -   | -   | -   | -     | -     | 190,3 | 233,6 | 275,9 | 317,5 | 358,7 | 399,7 |
| 3,50        | 32                           | 81,49             | 112                          | 285,21            | -           | -   | -   | -   | -   | -     | -     | -     | -     | 206,3 | 251,0 | 294,2 | 336,5 |
| 3,60        | 40                           | 101,86            | 144                          | 366,69            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 3,64        | 22                           | 56,02             | 80                           | 203,72            | -           | -   | -   | -   | -   | -     | 180,7 | 223,7 | 265,7 | 307,1 | 348,1 | 389,0 | 429,6 |
| 3,73        | 30                           | 76,39             | 112                          | 285,21            | -           | -   | -   | -   | -   | -     | -     | -     | -     | 209,4 | 254,2 | 297,5 | 339,8 |
| 3,75        | 24                           | 61,12             | 90                           | 229,18            | -           | -   | -   | -   | -   | -     | -     | 193,4 | 236,9 | 279,3 | 320,9 | 362,2 | 403,2 |
| 3,79        | 38                           | 96,77             | 144                          | 366,69            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | 236,3 |
| 4,00        | 48                           | 122,23            | 192                          | 488,92            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 4,00        | 36                           | 91,67             | 144                          | 366,69            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | 239,3 |
| 4,00        | 28                           | 71,3              | 112                          | 285,21            | -           | -   | -   | -   | -   | -     | -     | -     | -     | 212,5 | 257,4 | 300,8 | 343,2 |
| 4,09        | 22                           | 56,02             | 90                           | 229,18            | -           | -   | -   | -   | -   | -     | 150,3 | 196,6 | 240,2 | 282,6 | 324,4 | 365,7 | 406,8 |
| 4,24        | 34                           | 86,58             | 144                          | 366,69            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | 242,3 |
| 4,31        | 26                           | 66,21             | 112                          | 285,21            | -           | -   | -   | -   | -   | -     | -     | -     | -     | 215,5 | 260,6 | 304,1 | 346,6 |
| 4,36        | 44                           | 112,05            | 192                          | 488,92            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 4,50        | 32                           | 81,49             | 144                          | 366,69            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | 245,2 |
| 4,67        | 24                           | 61,12             | 112                          | 285,21            | -           | -   | -   | -   | -   | -     | -     | -     | -     | 218,6 | 263,8 | 307,3 | 349,9 |
| 4,80        | 40                           | 101,86            | 192                          | 488,92            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 4,80        | 30                           | 76,39             | 144                          | 366,69            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | 248,2 |
| 5,05        | 38                           | 96,77             | 192                          | 488,92            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 5,09        | 22                           | 56,02             | 112                          | 285,21            | -           | -   | -   | -   | -   | -     | -     | -     | -     | 221,7 | 267,0 | 310,6 | 353,2 |
| 5,14        | 28                           | 71,30             | 144                          | 366,69            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | 251,2 |
| 5,33        | 36                           | 91,67             | 192                          | 488,92            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 5,54        | 26                           | 66,21             | 144                          | 366,69            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | 254,1 |
| 5,65        | 34                           | 86,58             | 192                          | 488,92            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 6,00        | 32                           | 81,49             | 192                          | 488,92            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 6,00        | 24                           | 61,12             | 144                          | 366,69            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | 257,1 |
| 6,40        | 30                           | 76,39             | 192                          | 488,92            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 6,55        | 22                           | 56,02             | 144                          | 366,69            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | 261,0 |
| 6,86        | 28                           | 71,30             | 192                          | 488,92            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 7,38        | 26                           | 66,21             | 192                          | 488,92            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 8,00        | 24                           | 61,12             | 192                          | 488,92            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |
| 8,73        | 22                           | 56,02             | 192                          | 488,92            | -           | -   | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     |

# Centre distances

## Section 8M

Table 4h

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |       |       |       |       |         |         |         |         |         |         |         |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|-------|-------|-------|-------|---------|---------|---------|---------|---------|---------|---------|
|             |                              |                   |                              |                   | 1 440       | 1 600 | 1 760 | 1 800 | 2 000 | 2 400   | 2 600   | 2 800   | 3 048   | 3 280   | 3 600   | 4 400   |
|             |                              | mm                | mm                           |                   | mm          |       |       |       |       |         |         |         |         |         |         |         |
| 1,00        | 80                           | 203,72            | 80                           | 203,72            | 400,0       | 480,0 | 560,0 | 580,0 | 680,0 | 880,0   | 980,0   | 1 080,0 | 1 204,0 | 1 320,0 | 1 480,0 | 1 880,0 |
| 1,00        | 72                           | 183,35            | 72                           | 183,35            | 432,0       | 512,0 | 592,0 | 612,0 | 712,0 | 912,0   | 1 012,0 | 1 112,0 | 1 236,0 | 1 352,0 | 1 512,0 | 1 912,0 |
| 1,00        | 64                           | 162,97            | 64                           | 162,97            | 464,0       | 544,0 | 624,0 | 644,0 | 744,0 | 944,0   | 1 044,0 | 1 144,0 | 1 268,0 | 1 384,0 | 1 544,0 | 1 944,0 |
| 1,00        | 56                           | 142,60            | 56                           | 142,60            | 496,0       | 576,0 | 656,0 | 676,0 | 776,0 | 976,0   | 1 076,0 | 1 176,0 | 1 300,0 | 1 416,0 | 1 576,0 | 1 976,0 |
| 1,00        | 48                           | 122,23            | 48                           | 122,23            | 528,0       | 608,0 | 688,0 | 708,0 | 808,0 | 1 008,0 | 1 108,0 | 1 208,0 | 1 332,0 | 1 448,0 | 1 608,0 | 2 008,0 |
| 1,00        | 44                           | 112,05            | 44                           | 112,05            | 544,0       | 624,0 | 704,0 | 724,0 | 824,0 | 1 024,0 | 1 124,0 | 1 224,0 | 1 348,0 | 1 464,0 | 1 624,0 | 2 024,0 |
| 1,00        | 40                           | 101,86            | 40                           | 101,86            | 560,0       | 640,0 | 720,0 | 740,0 | 840,0 | 1 040,0 | 1 140,0 | 1 240,0 | 1 364,0 | 1 480,0 | 1 640,0 | 2 040,0 |
| 1,00        | 38                           | 96,77             | 38                           | 96,77             | 568,0       | 648,0 | 728,0 | 748,0 | 848,0 | 1 048,0 | 1 148,0 | 1 248,0 | 1 372,0 | 1 488,0 | 1 648,0 | 2 048,0 |
| 1,00        | 36                           | 91,67             | 36                           | 91,67             | 576,0       | 656,0 | 736,0 | 756,0 | 856,0 | 1 056,0 | 1 156,0 | 1 256,0 | 1 380,0 | 1 496,0 | 1 656,0 | 2 056,0 |
| 1,00        | 34                           | 86,58             | 34                           | 86,58             | 584,0       | 664,0 | 744,0 | 764,0 | 864,0 | 1 064,0 | 1 164,0 | 1 264,0 | 1 388,0 | 1 504,0 | 1 664,0 | 2 064,0 |
| 1,00        | 32                           | 81,49             | 32                           | 81,49             | 592,0       | 672,0 | 752,0 | 772,0 | 872,0 | 1 072,0 | 1 172,0 | 1 272,0 | 1 396,0 | 1 512,0 | 1 672,0 | 2 072,0 |
| 1,00        | 30                           | 76,39             | 30                           | 76,39             | 600,0       | 680,0 | 760,0 | 780,0 | 880,0 | 1 080,0 | 1 180,0 | 1 280,0 | 1 404,0 | 1 520,0 | 1 680,0 | 2 080,0 |
| 1,00        | 28                           | 71,30             | 28                           | 71,30             | 608,0       | 688,0 | 768,0 | 788,0 | 888,0 | 1 088,0 | 1 188,0 | 1 288,0 | 1 412,0 | 1 528,0 | 1 688,0 | 2 088,0 |
| 1,00        | 26                           | 66,21             | 26                           | 66,21             | 616,0       | 696,0 | 776,0 | 796,0 | 896,0 | 1 096,0 | 1 196,0 | 1 296,0 | 1 420,0 | 1 536,0 | 1 696,0 | 2 096,0 |
| 1,00        | 24                           | 61,12             | 24                           | 61,12             | 624,0       | 704,0 | 784,0 | 804,0 | 904,0 | 1 104,0 | 1 204,0 | 1 304,0 | 1 428,0 | 1 544,0 | 1 704,0 | 2 104,0 |
| 1,00        | 22                           | 56,02             | 22                           | 56,02             | 632,0       | 712,0 | 792,0 | 812,0 | 912,0 | 1 112,0 | 1 212,0 | 1 312,0 | 1 436,0 | 1 552,0 | 1 712,0 | 2 112,0 |
| 1,05        | 38                           | 96,77             | 40                           | 101,86            | 564,0       | 644,0 | 724,0 | 744,0 | 844,0 | 1 044,0 | 1 144,0 | 1 244,0 | 1 368,0 | 1 484,0 | 1 644,0 | 2 044,0 |
| 1,06        | 36                           | 91,67             | 38                           | 96,77             | 572,0       | 652,0 | 732,0 | 752,0 | 852,0 | 1 052,0 | 1 152,0 | 1 252,0 | 1 376,0 | 1 492,0 | 1 652,0 | 2 052,0 |
| 1,06        | 34                           | 86,58             | 36                           | 91,67             | 580,0       | 660,0 | 740,0 | 760,0 | 860,0 | 1 060,0 | 1 160,0 | 1 260,0 | 1 384,0 | 1 500,0 | 1 660,0 | 2 060,0 |
| 1,06        | 32                           | 81,49             | 34                           | 86,58             | 588,0       | 668,0 | 748,0 | 768,0 | 868,0 | 1 068,0 | 1 168,0 | 1 268,0 | 1 392,0 | 1 508,0 | 1 668,0 | 2 068,0 |
| 1,07        | 30                           | 76,39             | 32                           | 81,49             | 596,0       | 676,0 | 756,0 | 776,0 | 876,0 | 1 076,0 | 1 176,0 | 1 276,0 | 1 400,0 | 1 516,0 | 1 676,0 | 2 076,0 |
| 1,07        | 28                           | 71,30             | 30                           | 76,39             | 604,0       | 684,0 | 764,0 | 784,0 | 884,0 | 1 084,0 | 1 184,0 | 1 284,0 | 1 408,0 | 1 524,0 | 1 684,0 | 2 084,0 |
| 1,08        | 26                           | 66,21             | 28                           | 71,30             | 612,0       | 692,0 | 772,0 | 792,0 | 892,0 | 1 092,0 | 1 192,0 | 1 292,0 | 1 416,0 | 1 532,0 | 1 692,0 | 2 092,0 |
| 1,08        | 24                           | 61,12             | 26                           | 66,21             | 620,0       | 700,0 | 780,0 | 800,0 | 900,0 | 1 100,0 | 1 200,0 | 1 300,0 | 1 424,0 | 1 540,0 | 1 700,0 | 2 100,0 |
| 1,09        | 44                           | 112,05            | 48                           | 122,23            | 536,0       | 616,0 | 696,0 | 716,0 | 816,0 | 1 016,0 | 1 116,0 | 1 216,0 | 1 340,0 | 1 456,0 | 1 616,0 | 2 016,1 |
| 1,09        | 22                           | 56,02             | 24                           | 61,12             | 628,0       | 708,0 | 788,0 | 808,0 | 908,0 | 1 108,0 | 1 208,0 | 1 308,0 | 1 432,0 | 1 548,0 | 1 708,0 | 2 108,0 |
| 1,10        | 40                           | 101,86            | 44                           | 112,05            | 552,0       | 632,0 | 712,0 | 732,0 | 832,0 | 1 032,0 | 1 132,0 | 1 232,0 | 1 356,0 | 1 472,0 | 1 632,0 | 2 032,1 |
| 1,11        | 72                           | 183,35            | 80                           | 203,72            | 415,9       | 495,9 | 575,9 | 595,9 | 695,9 | 895,9   | 996,0   | 1 096,0 | 1 220,0 | 1 336,0 | 1 496,0 | 1 896,0 |
| 1,11        | 36                           | 91,67             | 40                           | 101,86            | 568,0       | 648,0 | 728,0 | 748,0 | 848,0 | 1 048,0 | 1 148,0 | 1 248,0 | 1 372,0 | 1 488,0 | 1 648,0 | 2 048,0 |
| 1,12        | 34                           | 86,58             | 38                           | 96,77             | 576,0       | 656,0 | 736,0 | 756,0 | 856,0 | 1 056,0 | 1 156,0 | 1 256,0 | 1 380,0 | 1 496,0 | 1 656,0 | 2 056,0 |
| 1,13        | 80                           | 203,72            | 90                           | 229,18            | 379,8       | 459,8 | 539,9 | 559,9 | 659,9 | 859,9   | 959,9   | 1 059,9 | 1 183,9 | 1 299,9 | 1 460,0 | 1 860,0 |
| 1,13        | 64                           | 162,97            | 72                           | 183,35            | 447,9       | 527,9 | 607,9 | 627,9 | 727,9 | 927,9   | 1 028,0 | 1 128,0 | 1 252,0 | 1 368,0 | 1 528,0 | 1 928,0 |
| 1,13        | 32                           | 81,49             | 36                           | 91,67             | 584,0       | 664,0 | 744,0 | 764,0 | 864,0 | 1 064,0 | 1 164,0 | 1 264,0 | 1 388,0 | 1 504,0 | 1 664,0 | 2 064,0 |
| 1,13        | 30                           | 76,39             | 34                           | 86,58             | 592,0       | 672,0 | 752,0 | 772,0 | 872,0 | 1 072,0 | 1 172,0 | 1 272,0 | 1 396,0 | 1 512,0 | 1 672,0 | 2 072,0 |
| 1,14        | 56                           | 142,60            | 64                           | 162,97            | 479,9       | 559,9 | 639,9 | 659,9 | 759,9 | 959,9   | 1 060,0 | 1 160,0 | 1 284,0 | 1 400,0 | 1 560,0 | 1 960,0 |
| 1,14        | 28                           | 71,30             | 32                           | 81,49             | 600,0       | 680,0 | 760,0 | 780,0 | 880,0 | 1 080,0 | 1 180,0 | 1 280,0 | 1 404,0 | 1 520,0 | 1 680,0 | 2 080,0 |
| 1,15        | 26                           | 66,21             | 30                           | 76,39             | 608,0       | 688,0 | 768,0 | 788,0 | 888,0 | 1 088,0 | 1 188,0 | 1 288,0 | 1 412,0 | 1 528,0 | 1 688,0 | 2 088,1 |
| 1,16        | 38                           | 96,77             | 44                           | 112,05            | 555,9       | 636,0 | 716,0 | 736,0 | 836,0 | 1 036,0 | 1 136,0 | 1 236,0 | 1 360,0 | 1 476,0 | 1 636,0 | 2 036,0 |
| 1,17        | 48                           | 122,23            | 56                           | 142,60            | 511,9       | 591,9 | 671,9 | 691,9 | 791,9 | 991,9   | 1 092,0 | 1 192,0 | 1 316,0 | 1 432,0 | 1 592,0 | 1 992,0 |
| 1,17        | 24                           | 61,12             | 28                           | 71,30             | 616,0       | 696,0 | 776,0 | 796,0 | 896,0 | 1 096,0 | 1 196,0 | 1 296,0 | 1 420,0 | 1 536,0 | 1 696,0 | 2 096,0 |
| 1,18        | 34                           | 86,58             | 40                           | 101,86            | 572,0       | 652,0 | 732,0 | 752,0 | 852,0 | 1 052,0 | 1 152,0 | 1 252,0 | 1 376,0 | 1 492,0 | 1 652,0 | 2 052,0 |
| 1,18        | 22                           | 56,02             | 26                           | 66,21             | 624,0       | 704,0 | 784,0 | 804,0 | 904,0 | 1 104,0 | 1 204,0 | 1 304,0 | 1 428,0 | 1 544,0 | 1 704,0 | 2 104,0 |
| 1,19        | 32                           | 81,49             | 38                           | 96,77             | 580,0       | 660,0 | 740,0 | 760,0 | 860,0 | 1 060,0 | 1 160,0 | 1 260,0 | 1 384,0 | 1 500,0 | 1 660,0 | 2 060,0 |
| 1,20        | 40                           | 101,86            | 48                           | 122,23            | 543,9       | 623,9 | 703,9 | 723,9 | 823,9 | 1 024,0 | 1 124,0 | 1 224,0 | 1 348,0 | 1 464,0 | 1 624,0 | 2 024,0 |
| 1,20        | 30                           | 76,39             | 36                           | 91,67             | 588,0       | 668,0 | 748,0 | 768,0 | 868,0 | 1 068,0 | 1 168,0 | 1 268,0 | 1 392,0 | 1 508,0 | 1 668,0 | 2 068,0 |
| 1,21        | 28                           | 71,30             | 34                           | 86,58             | 596,0       | 676,0 | 756,0 | 776,0 | 876,0 | 1 076,0 | 1 176,0 | 1 276,0 | 1 400,0 | 1 516,0 | 1 676,0 | 2 076,0 |
| 1,22        | 36                           | 91,67             | 44                           | 112,05            | 559,9       | 639,9 | 719,9 | 739,9 | 839,9 | 1 040,0 | 1 140,0 | 1 240,0 | 1 364,0 | 1 480,0 | 1 640,0 | 2 040,0 |
| 1,23        | 26                           | 66,21             | 32                           | 81,49             | 604,0       | 684,0 | 764,0 | 784,0 | 884,0 | 1 084,0 | 1 184,0 | 1 284,0 | 1 408,0 | 1 524,0 | 1 684,0 | 2 084,0 |
| 1,25        | 72                           | 183,35            | 90                           | 229,18            | 395,3       | 475,4 | 555,5 | 575,5 | 675,6 | 875,7   | 975,7   | 1 075,8 | 1 199,8 | 1 315,8 | 1 475,8 | 1 875,9 |
| 1,25        | 64                           | 162,97            | 80                           | 203,72            | 431,5       | 511,6 | 591,7 | 611,7 | 711,7 | 911,8   | 1 011,8 | 1 111,8 | 1 235,8 | 1 351,8 | 1 511,9 | 1 911,9 |
| 1,25        | 32                           | 81,49             | 40                           | 101,86            | 575,9       | 655,9 | 735,9 | 755,9 | 855,9 | 1 056,0 | 1 156,0 | 1 256,0 | 1 380,0 | 1 496,0 | 1 656,0 | 2 056,0 |
| 1,25        | 24                           | 61,12             | 30                           | 76,39             | 612,0       | 692,0 | 772,0 | 792,0 | 892,0 | 1 092,0 | 1 192,0 | 1 292,0 | 1 416,0 | 1 532,0 | 1 692,0 | 2 092,0 |
| 1,26        | 38                           | 96,77             | 48                           | 122,23            | 547,9       | 627,9 | 707,9 | 727,9 | 827,9 | 1 027,9 | 1 127,9 | 1 227,9 | 1 351,9 | 1 467,9 | 1 628,0 | 2 028,0 |
| 1,27        | 44                           | 112,05            | 56                           | 142,60            | 519,8       | 599,8 | 679,8 | 699,8 | 799,9 | 999,9   | 1 099,9 | 1 199,9 | 1 323,9 | 1 439,9 | 1 599,9 | 2 000,0 |
| 1,27        | 30                           | 76,39             | 38                           | 96,77             | 583,9       | 663,9 | 743,9 | 763,9 | 863,9 | 1 064,0 | 1 164,0 | 1 264,0 | 1 388,0 | 1 504,0 | 1 664,0 | 2 064,0 |
| 1,27        | 22                           | 56,02             | 28                           | 71,30             | 620,0       | 700,0 | 780,0 | 800,0 | 900,0 | 1 100,0 | 1 200,0 | 1 300,0 | 1 424,0 | 1 540,0 | 1 700,0 | 2 100,0 |
| 1,29        | 56                           | 142,60            | 72                           | 183,35            | 463,6       | 543,6 | 623,7 | 643,7 | 743,7 | 943,8   | 1 043,8 | 1 143,8 | 1 267,8 | 1 383,9 | 1 543,9 | 1 943,9 |
| 1,29        | 34                           | 86,58             | 44                           | 112,05            | 563,9       | 643,9 | 723,9 | 743,9 | 843,9 | 1 043,9 | 1 143,9 | 1 243,9 | 1 367,9 | 1 483,9 | 1 644,0 | 2 044,0 |
| 1,29        | 28                           | 71,30             | 36                           | 91,67             | 591,9       | 671,9 | 751,9 | 771,9 | 871,9 | 1 072,0 | 1 172,0 | 1 272,0 | 1 396,0 | 1 512,0 | 1 672,0 | 2 072,0 |
| 1,31        | 26                           | 66,21             | 34                           | 86,58             | 599,9       | 679,9 | 759,9 | 779,9 | 879,9 | 1 080,0 | 1 180,0 | 1 280,0 | 1 404,0 | 1 520,0 | 1 680,0 | 2 080,0 |
| 1,33        | 48                           | 122,23            | 64                           | 162,97            | 495,6       | 575,6 | 655,7 | 675,7 | 775,7 | 975,8   | 1 075,8 | 1 175,8 | 1 299,8 | 1 415,9 | 1 575,9 | 1 975,9 |
| 1,33        | 36                           | 91,67             | 48                           | 122,23            | 551,8       | 631,8 | 711,8 | 731,8 | 831,9 | 1 031,9 | 1 131,9 | 1 231,9 | 1 355,9 | 1 471,9 | 1 631,9 | 2 031,9 |
| 1,33        | 30                           | 76,39             | 40                           | 101,86            | 579,9       | 659,9 | 739,9 | 759,9 | 859,9 | 1 059,9 | 1 159,9 | 1 259,9 | 1 383,9 | 1 500,0 | 1 660,0 | 2 060,0 |
| 1,33        | 24                           | 61,12             | 32                           | 81,49             | 607,9       | 687,9 | 767,9 | 787,9 | 887,9 | 1 088,0 | 1 188,0 | 1 288,0 | 1 412,0 | 1 528,0 | 1 688,0 | 2 088,0 |
| 1,36        | 28                           | 71,30             | 38                           | 96,77             | 587,9       | 667,9 | 747,9 | 767,9 | 867,9 | 1 067,9 | 1 167,9 | 1 267,9 | 1 391,9 | 1 508,0 | 1 668,0 | 2 068,0 |
| 1,36        | 22                           | 56,02             | 30                           | 76,39             | 615,9       | 695,9 | 775,9 | 795,9 | 895,9 | 1 096,0 | 1 196,0 | 1 296,  |         |         |         |         |

# Centre distances

## Section 8M

Table 4i

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |       |       |       |       |         |         |         |         |         |         |         |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|-------|-------|-------|-------|---------|---------|---------|---------|---------|---------|---------|
|             |                              |                   |                              |                   | 1 440       | 1 600 | 1 760 | 1 800 | 2 000 | 2 400   | 2 600   | 2 800   | 3 048   | 3 280   | 3 600   | 4 400   |
|             |                              | mm                | mm                           |                   | mm          |       |       |       |       |         |         |         |         |         |         |         |
| 1,50        | 48                           | 122,23            | 72                           | 183,35            | 479,0       | 559,2 | 639,3 | 659,3 | 759,4 | 959,5   | 1 059,6 | 1 159,6 | 1 283,6 | 1 399,7 | 1 559,7 | 1 959,8 |
| 1,50        | 32                           | 81,49             | 48                           | 122,23            | 559,6       | 639,7 | 719,7 | 739,7 | 839,8 | 1 039,8 | 1 139,8 | 1 239,8 | 1 363,9 | 1 479,9 | 1 639,9 | 2 039,9 |
| 1,50        | 24                           | 61,12             | 36                           | 91,67             | 599,8       | 679,8 | 759,8 | 779,9 | 879,9 | 1 079,9 | 1 179,9 | 1 279,9 | 1 403,9 | 1 519,9 | 1 679,9 | 2 080,0 |
| 1,54        | 26                           | 66,21             | 40                           | 101,86            | 587,7       | 667,8 | 747,8 | 767,8 | 867,8 | 1 067,9 | 1 167,9 | 1 267,9 | 1 391,9 | 1 507,9 | 1 667,9 | 2 067,9 |
| 1,55        | 22                           | 56,02             | 34                           | 86,58             | 607,8       | 687,8 | 767,8 | 787,9 | 887,9 | 1 087,9 | 1 187,9 | 1 287,9 | 1 411,9 | 1 527,9 | 1 687,9 | 2 088,0 |
| 1,56        | 72                           | 183,35            | 112                          | 285,21            | 348,3       | 429,0 | 509,5 | 529,5 | 629,9 | 830,4   | 930,6   | 1 030,7 | 1 154,9 | 1 271,0 | 1 431,1 | 1 831,1 |
| 1,56        | 36                           | 91,67             | 56                           | 142,60            | 535,4       | 615,5 | 695,5 | 715,5 | 815,6 | 1 015,7 | 1 115,7 | 1 215,7 | 1 339,8 | 1 455,8 | 1 615,8 | 2 015,9 |
| 1,57        | 28                           | 71,30             | 44                           | 112,05            | 575,6       | 655,7 | 735,7 | 755,7 | 855,8 | 1 055,8 | 1 155,8 | 1 255,8 | 1 379,9 | 1 495,9 | 1 655,9 | 2 055,9 |
| 1,58        | 24                           | 61,12             | 38                           | 96,77             | 595,7       | 675,8 | 755,8 | 775,8 | 875,8 | 1 075,9 | 1 175,9 | 1 275,9 | 1 399,9 | 1 515,9 | 1 675,9 | 2 075,9 |
| 1,60        | 40                           | 101,86            | 64                           | 162,97            | 511,1       | 591,2 | 671,3 | 691,3 | 791,4 | 991,5   | 1 091,6 | 1 191,6 | 1 315,6 | 1 431,7 | 1 591,7 | 1 991,8 |
| 1,60        | 30                           | 76,39             | 48                           | 122,23            | 563,5       | 643,6 | 723,6 | 743,6 | 843,7 | 1 043,8 | 1 143,8 | 1 243,8 | 1 367,8 | 1 483,8 | 1 643,9 | 2 043,9 |
| 1,61        | 56                           | 142,60            | 90                           | 229,18            | 425,8       | 506,1 | 586,4 | 606,5 | 706,7 | 907,0   | 1 007,1 | 1 107,2 | 1 231,2 | 1 347,3 | 1 507,4 | 1 907,5 |
| 1,64        | 44                           | 112,05            | 72                           | 183,35            | 486,7       | 566,9 | 647,0 | 667,0 | 767,2 | 967,3   | 1 067,4 | 1 167,5 | 1 291,5 | 1 407,6 | 1 567,6 | 1 967,7 |
| 1,64        | 22                           | 56,02             | 36                           | 91,67             | 603,7       | 683,8 | 763,8 | 783,8 | 883,8 | 1 083,9 | 1 183,9 | 1 283,9 | 1 407,9 | 1 523,9 | 1 683,9 | 2 083,9 |
| 1,65        | 34                           | 86,58             | 56                           | 142,60            | 539,3       | 619,4 | 699,4 | 719,5 | 819,5 | 1 019,6 | 1 119,6 | 1 219,7 | 1 343,7 | 1 459,7 | 1 619,8 | 2 019,8 |
| 1,67        | 48                           | 122,23            | 80                           | 203,72            | 462,2       | 542,5 | 622,7 | 642,7 | 742,9 | 943,1   | 1 043,2 | 1 143,3 | 1 267,3 | 1 383,4 | 1 543,5 | 1 943,6 |
| 1,67        | 24                           | 61,12             | 40                           | 101,86            | 591,7       | 671,7 | 751,7 | 771,7 | 871,8 | 1 071,8 | 1 171,8 | 1 271,8 | 1 395,9 | 1 511,9 | 1 671,9 | 2 071,9 |
| 1,68        | 38                           | 96,77             | 64                           | 162,97            | 514,9       | 595,1 | 675,2 | 695,2 | 795,3 | 995,5   | 1 095,5 | 1 195,5 | 1 319,6 | 1 435,6 | 1 595,7 | 1 995,7 |
| 1,69        | 26                           | 66,21             | 44                           | 112,05            | 579,5       | 659,6 | 739,6 | 759,7 | 859,7 | 1 059,8 | 1 159,8 | 1 259,8 | 1 383,8 | 1 499,8 | 1 659,8 | 2 059,8 |
| 1,71        | 28                           | 71,30             | 48                           | 122,23            | 567,4       | 647,5 | 727,6 | 747,6 | 847,6 | 1 047,7 | 1 147,7 | 1 247,7 | 1 371,7 | 1 487,7 | 1 647,8 | 2 047,9 |
| 1,73        | 22                           | 56,02             | 38                           | 96,77             | 599,7       | 679,7 | 759,7 | 779,7 | 879,8 | 1 079,8 | 1 179,8 | 1 279,8 | 1 403,9 | 1 519,9 | 1 679,9 | 2 079,9 |
| 1,75        | 64                           | 162,97            | 112                          | 285,21            | 362,8       | 443,8 | 524,4 | 544,4 | 645,1 | 845,8   | 946,0   | 1 046,2 | 1 170,4 | 1 286,5 | 1 446,7 | 1 847,0 |
| 1,75        | 32                           | 81,49             | 56                           | 142,60            | 543,1       | 623,3 | 703,3 | 723,4 | 823,4 | 1 023,5 | 1 123,6 | 1 223,6 | 1 347,7 | 1 463,7 | 1 623,7 | 2 023,8 |
| 1,78        | 36                           | 91,67             | 64                           | 162,97            | 518,8       | 598,9 | 679,1 | 699,1 | 799,2 | 999,4   | 1 099,4 | 1 199,5 | 1 323,5 | 1 439,6 | 1 599,6 | 1 999,7 |
| 1,80        | 80                           | 203,72            | 144                          | 366,69            | –           | 342,3 | 424,1 | 444,5 | 545,9 | 747,6   | 848,1   | 948,5   | 1 072,9 | 1 189,2 | 1 349,5 | 1 750,1 |
| 1,80        | 40                           | 101,86            | 72                           | 183,35            | 494,3       | 574,6 | 654,7 | 674,8 | 774,9 | 975,2   | 1 075,2 | 1 175,3 | 1 299,4 | 1 415,4 | 1 575,5 | 1 975,6 |
| 1,82        | 44                           | 112,05            | 80                           | 203,72            | 469,8       | 550,1 | 630,3 | 650,4 | 750,6 | 950,9   | 1 051,0 | 1 151,1 | 1 275,2 | 1 391,2 | 1 551,3 | 1 951,5 |
| 1,82        | 22                           | 56,02             | 40                           | 101,86            | 595,6       | 675,6 | 755,7 | 775,7 | 875,7 | 1 075,8 | 1 175,8 | 1 275,8 | 1 399,8 | 1 515,8 | 1 675,8 | 2 075,9 |
| 1,83        | 24                           | 61,12             | 44                           | 112,05            | 583,4       | 663,5 | 743,6 | 763,6 | 863,6 | 1 063,7 | 1 163,7 | 1 263,7 | 1 387,8 | 1 503,8 | 1 663,8 | 2 063,9 |
| 1,85        | 26                           | 66,21             | 48                           | 122,23            | 571,3       | 651,4 | 731,5 | 751,5 | 851,5 | 1 051,6 | 1 151,7 | 1 251,7 | 1 375,7 | 1 491,7 | 1 651,8 | 2 051,8 |
| 1,87        | 30                           | 76,39             | 56                           | 142,60            | 547,0       | 627,1 | 707,2 | 727,2 | 827,3 | 1 027,5 | 1 127,5 | 1 227,6 | 1 351,6 | 1 467,6 | 1 627,7 | 2 027,7 |
| 1,88        | 48                           | 122,23            | 90                           | 229,18            | 440,8       | 521,3 | 601,6 | 621,7 | 722,0 | 922,4   | 1 022,6 | 1 122,7 | 1 246,9 | 1 363,0 | 1 523,1 | 1 923,3 |
| 1,88        | 34                           | 86,58             | 64                           | 162,97            | 522,6       | 602,8 | 682,9 | 703,0 | 803,1 | 1 003,3 | 1 103,3 | 1 203,4 | 1 327,5 | 1 443,5 | 1 603,5 | 2 003,6 |
| 1,89        | 38                           | 96,77             | 72                           | 183,35            | 498,1       | 578,4 | 658,6 | 678,6 | 778,8 | 979,0   | 1 079,1 | 1 179,2 | 1 303,3 | 1 419,3 | 1 579,4 | 1 979,5 |
| 2,00        | 72                           | 183,35            | 144                          | 366,69            | –           | 356,1 | 438,4 | 458,8 | 560,5 | 762,5   | 863,1   | 963,6   | 1 088,1 | 1 204,5 | 1 364,9 | 1 765,6 |
| 2,00        | 56                           | 142,60            | 112                          | 285,21            | 377,2       | 458,4 | 539,3 | 559,5 | 660,1 | 861,0   | 961,4   | 1 061,6 | 1 185,9 | 1 302,0 | 1 462,3 | 1 862,6 |
| 2,00        | 40                           | 101,86            | 80                           | 203,72            | 477,3       | 557,7 | 638,0 | 658,0 | 758,3 | 958,6   | 1 058,8 | 1 158,9 | 1 283,0 | 1 399,1 | 1 559,2 | 1 959,3 |
| 2,00        | 36                           | 91,67             | 72                           | 183,35            | 501,9       | 582,2 | 662,4 | 682,5 | 782,7 | 982,9   | 1 083,0 | 1 183,1 | 1 307,2 | 1 423,3 | 1 583,5 | 1 983,5 |
| 2,00        | 32                           | 81,49             | 64                           | 162,97            | 526,4       | 606,6 | 686,8 | 706,8 | 807,0 | 1 007,2 | 1 107,3 | 1 207,3 | 1 331,4 | 1 447,4 | 1 607,5 | 2 007,6 |
| 2,00        | 28                           | 71,30             | 56                           | 142,60            | 550,8       | 631,0 | 711,1 | 731,1 | 831,2 | 1 031,4 | 1 131,4 | 1 231,5 | 1 355,5 | 1 471,6 | 1 631,6 | 2 031,7 |
| 2,00        | 24                           | 61,12             | 48                           | 122,23            | 575,2       | 655,3 | 735,4 | 755,4 | 855,5 | 1 055,6 | 1 155,6 | 1 255,6 | 1 379,7 | 1 495,7 | 1 655,7 | 2 055,8 |
| 2,00        | 22                           | 56,02             | 44                           | 112,05            | 587,3       | 667,4 | 747,5 | 767,5 | 867,6 | 1 067,6 | 1 167,7 | 1 267,7 | 1 391,7 | 1 507,7 | 1 667,8 | 2 067,8 |
| 2,05        | 44                           | 112,05            | 90                           | 229,18            | 448,2       | 528,8 | 609,2 | 629,3 | 729,6 | 930,2   | 1 030,3 | 1 130,5 | 1 254,6 | 1 370,8 | 1 530,9 | 1 931,1 |
| 2,11        | 38                           | 96,77             | 80                           | 203,72            | 481,0       | 561,5 | 641,8 | 661,8 | 762,1 | 962,5   | 1 062,7 | 1 162,8 | 1 286,9 | 1 403,0 | 1 563,1 | 1 963,3 |
| 2,12        | 34                           | 86,58             | 72                           | 183,35            | 505,7       | 586,0 | 666,2 | 686,3 | 786,5 | 986,8   | 1 086,9 | 1 187,0 | 1 311,1 | 1 427,2 | 1 587,3 | 1 987,4 |
| 2,13        | 30                           | 76,39             | 64                           | 162,97            | 530,2       | 610,5 | 690,6 | 710,7 | 810,8 | 1 011,1 | 1 111,2 | 1 211,2 | 1 335,3 | 1 451,4 | 1 611,4 | 2 011,5 |
| 2,15        | 26                           | 66,21             | 56                           | 142,60            | 554,7       | 634,9 | 715,0 | 735,0 | 835,1 | 1 035,3 | 1 135,4 | 1 235,4 | 1 359,5 | 1 475,5 | 1 635,6 | 2 035,6 |
| 2,18        | 22                           | 56,02             | 48                           | 122,23            | 579,1       | 659,2 | 739,3 | 759,3 | 859,4 | 1 059,5 | 1 159,5 | 1 259,6 | 1 383,6 | 1 499,6 | 1 659,7 | 2 059,7 |
| 2,22        | 36                           | 91,67             | 80                           | 203,72            | 484,8       | 565,2 | 645,6 | 665,6 | 766,0 | 966,4   | 1 066,5 | 1 166,7 | 1 290,8 | 1 406,9 | 1 567,0 | 1 967,2 |
| 2,25        | 64                           | 162,97            | 144                          | 366,69            | 285,6       | 369,9 | 452,5 | 473,0 | 575,0 | 777,3   | 878,1   | 978,7   | 1 103,3 | 1 219,7 | 1 380,2 | 1 781,1 |
| 2,25        | 40                           | 101,86            | 90                           | 229,18            | 455,5       | 536,2 | 616,7 | 636,8 | 737,2 | 937,8   | 1 038,0 | 1 138,2 | 1 262,4 | 1 378,5 | 1 538,7 | 1 939,0 |
| 2,25        | 32                           | 81,49             | 72                           | 183,35            | 509,5       | 589,8 | 670,1 | 690,1 | 790,4 | 990,7   | 1 090,8 | 1 190,9 | 1 315,0 | 1 431,1 | 1 591,2 | 1 991,3 |
| 2,29        | 28                           | 71,30             | 64                           | 162,97            | 534,0       | 614,3 | 694,5 | 714,5 | 814,7 | 1 015,0 | 1 115,1 | 1 215,1 | 1 339,2 | 1 455,3 | 1 615,4 | 2 015,5 |
| 2,33        | 48                           | 122,23            | 112                          | 285,21            | 391,5       | 473,0 | 554,0 | 574,2 | 675,1 | 876,2   | 976,6   | 1 076,9 | 1 201,2 | 1 317,5 | 1 477,8 | 1 878,2 |
| 2,33        | 24                           | 61,12             | 56                           | 142,60            | 558,5       | 638,7 | 718,8 | 738,9 | 839,0 | 1 039,2 | 1 139,3 | 1 239,3 | 1 363,4 | 1 479,4 | 1 639,5 | 2 039,6 |
| 2,35        | 34                           | 86,58             | 80                           | 203,72            | 488,5       | 569,0 | 649,4 | 669,4 | 769,8 | 970,2   | 1 070,4 | 1 170,5 | 1 294,7 | 1 410,8 | 1 570,9 | 1 971,1 |
| 2,37        | 38                           | 96,77             | 90                           | 229,18            | 459,2       | 539,9 | 620,5 | 640,6 | 741,0 | 941,7   | 1 041,9 | 1 142,1 | 1 266,3 | 1 382,4 | 1 542,6 | 1 942,9 |
| 2,40        | 80                           | 203,72            | 192                          | 488,92            | –           | –     | –     | –     | 432,3 | 640,0   | 742,3   | 843,9   | 969,5   | 1 086,6 | 1 247,8 | 1 649,8 |
| 2,40        | 30                           | 76,39             | 72                           | 183,35            | 513,2       | 593,6 | 673,9 | 693,9 | 794,2 | 994,6   | 1 094,7 | 1 194,8 | 1 318,9 | 1 435,0 | 1 595,1 | 1 995,3 |
| 2,46        | 26                           | 66,21             | 64                           | 162,97            | 537,8       | 618,1 | 698,3 | 718,4 | 818,6 | 1 018,9 | 1 119,0 | 1 219,0 | 1 343,1 | 1 459,2 | 1 619,3 | 2 019,4 |
| 2,50        | 36                           | 91,67             | 90                           | 229,18            | 462,9       | 543,6 | 624,2 | 644,3 | 744,8 | 945,5   | 1 045,7 | 1 145,9 | 1 270,1 | 1 386,3 | 1 546,5 | 1 946,8 |
| 2,50        | 32                           | 81,49             | 80                           | 203,72            | 492,2       | 572,7 | 653,1 | 673,2 | 773,6 | 974,1   | 1 074,3 | 1 174,4 | 1 298,6 | 1 414,7 | 1 574,8 | 1 974,1 |
| 2,55        | 44                           | 112,05            | 112                          | 285,21            | 398,6       | 480,2 | 561,3 | 581,5 | 682,5 | 883,8   | 984,2   | 1 084,5 | 1 208,9 | 1 325,2 | 1 485,5 | 1 886,0 |
| 2,55        | 22                           | 56,02             | 56                           | 142,60            | 562,3       | 642,5 | 722,7 | 742,7 | 842,9 | 1 043,1 | 1 143,2 | 1 243,2 | 1 367,3 | 1 483,4 | 1 643,4 | 2 043,5 |
| 2,57        | 56                           | 142,60            | 144                          | 366,69            | 298,7       | 383,5 | 466,5 | 487,1 | 589,3 | 792,1   | 893,0   | 993,7   | 1 118,4 | 1 234,9 | 1 395,5 | 1 795,5 |
| 2,57        | 28                           | 71,30             | 72                           | 183,35            | 517,0       | 597,4 | 677,7 | 697,7 | 798,0 | 998,4   | 1 098,6 | 1 198,7 | 1 322,8 | 1 438,9 | 1 599,0 | 1 999,  |

# Centre distances

## Section 8M

Table 4j

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |       |       |       |       |         |         |         |         |         |         |         |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|-------|-------|-------|-------|---------|---------|---------|---------|---------|---------|---------|
|             |                              |                   |                              |                   | 1 440       | 1 600 | 1 760 | 1 800 | 2 000 | 2 400   | 2 600   | 2 800   | 3 048   | 3 280   | 3 600   | 4 400   |
|             |                              | mm                | mm                           |                   | mm          |       |       |       |       |         |         |         |         |         |         |         |
| 3,08        | 26                           | 66,21             | 80                           | 203,72            | 503,3       | 583,9 | 664,4 | 684,5 | 785,0 | 985,6   | 1 085,8 | 1 186,0 | 1 310,2 | 1 426,3 | 1 586,5 | 1 986,8 |
| 3,11        | 36                           | 91,67             | 112                          | 285,21            | 412,6       | 494,5 | 575,9 | 596,1 | 697,3 | 898,8   | 999,3   | 1 099,7 | 1 224,2 | 1 340,5 | 1 500,9 | 1 901,5 |
| 3,21        | 28                           | 71,3              | 90                           | 229,18            | 477,5       | 558,4 | 639,1 | 659,3 | 759,9 | 960,8   | 1 061,1 | 1 161,3 | 1 285,6 | 1 401,8 | 1 562,0 | 1 962,4 |
| 3,27        | 44                           | 112,05            | 144                          | 366,69            | 318,2       | 403,8 | 487,3 | 508,0 | 610,7 | 814,0   | 915,1   | 1 016,0 | 1 140,9 | 1 257,5 | 1 418,3 | 1 819,5 |
| 3,27        | 22                           | 56,02             | 72                           | 183,35            | 528,2       | 608,7 | 689,1 | 709,1 | 809,5 | 1 010,0 | 1 110,2 | 1 210,3 | 1 334,5 | 1 450,6 | 1 610,7 | 2 011,0 |
| 3,29        | 34                           | 86,58             | 112                          | 285,21            | 416,1       | 498,1 | 579,5 | 599,8 | 701,0 | 902,5   | 1 003,1 | 1 103,5 | 1 228,0 | 1 344,3 | 1 504,7 | 1 905,4 |
| 3,33        | 24                           | 61,12             | 80                           | 203,72            | 507,0       | 587,7 | 668,2 | 688,3 | 788,8 | 989,4   | 1 089,7 | 1 189,9 | 1 314,1 | 1 430,2 | 1 590,4 | 1 990,7 |
| 3,43        | 56                           | 142,6             | 192                          | 488,92            | –           | –     | 338,7 | 361,7 | 471,9 | 681,9   | 784,8   | 887,0   | 1 013,2 | 1 130,7 | 1 292,4 | 1 695,1 |
| 3,46        | 26                           | 66,21             | 90                           | 229,18            | 481,1       | 562,1 | 642,8 | 663,0 | 763,6 | 964,6   | 1 064,9 | 1 165,2 | 1 289,4 | 1 405,6 | 1 565,9 | 1 966,3 |
| 3,50        | 32                           | 81,49             | 112                          | 285,21            | 419,6       | 501,6 | 583,1 | 603,4 | 704,6 | 906,3   | 1 006,8 | 1 107,3 | 1 231,8 | 1 348,2 | 1 508,6 | 1 909,3 |
| 3,60        | 40                           | 101,86            | 144                          | 366,69            | 324,6       | 410,4 | 494,1 | 514,9 | 617,8 | 821,3   | 922,5   | 1 023,4 | 1 148,4 | 1 265,1 | 1 425,8 | 1 827,2 |
| 3,64        | 22                           | 56,02             | 80                           | 203,72            | 510,7       | 591,4 | 671,9 | 692,6 | 792,6 | 993,3   | 1 093,5 | 1 193,7 | 1 317,9 | 1 434,1 | 1 594,3 | 1 994,6 |
| 3,73        | 30                           | 76,39             | 112                          | 285,21            | 423,1       | 505,2 | 586,7 | 607,0 | 708,3 | 910,0   | 1 010,6 | 1 111,1 | 1 235,6 | 1 352,0 | 1 512,4 | 1 913,2 |
| 3,75        | 24                           | 61,12             | 90                           | 229,18            | 484,7       | 565,7 | 646,5 | 666,7 | 767,4 | 968,4   | 1 068,7 | 1 169,0 | 1 293,3 | 1 409,5 | 1 569,8 | 1 970,2 |
| 3,79        | 38                           | 96,77             | 144                          | 366,69            | 327,8       | 413,8 | 497,6 | 518,3 | 621,3 | 824,9   | 926,1   | 1 027,1 | 1 152,1 | 1 268,8 | 1 429,6 | 1 831,0 |
| 4,00        | 48                           | 122,23            | 192                          | 488,92            | –           | –     | 350,9 | 374,1 | 484,9 | 695,7   | 798,9   | 901,3   | 1 027,6 | 1 145,3 | 1 307,1 | 1 710,2 |
| 4,00        | 36                           | 91,67             | 144                          | 366,69            | 331,0       | 417,1 | 501,0 | 521,8 | 624,8 | 828,6   | 929,8   | 1 030,8 | 1 155,8 | 1 272,6 | 1 433,4 | 1 834,8 |
| 4,00        | 28                           | 71,3              | 112                          | 285,21            | 426,5       | 508,7 | 590,3 | 610,6 | 712,0 | 913,7   | 1 014,4 | 1 114,9 | 1 239,4 | 1 355,8 | 1 516,2 | 1 917,0 |
| 4,09        | 22                           | 56,02             | 90                           | 229,18            | 488,3       | 569,4 | 650,2 | 670,4 | 771,1 | 972,1   | 1 072,5 | 1 172,8 | 1 297,1 | 1 413,3 | 1 573,6 | 1 974,1 |
| 4,24        | 34                           | 86,58             | 144                          | 366,69            | 334,2       | 420,4 | 504,4 | 525,2 | 628,3 | 832,2   | 933,5   | 1 034,5 | 1 159,5 | 1 276,3 | 1 437,2 | 1 838,7 |
| 4,31        | 26                           | 66,21             | 112                          | 285,21            | 430,0       | 512,3 | 593,9 | 614,2 | 715,6 | 917,5   | 1 018,1 | 1 118,6 | 1 243,2 | 1 359,6 | 1 520,1 | 1 920,9 |
| 4,36        | 44                           | 112,05            | 192                          | 488,92            | –           | –     | 357,0 | 380,3 | 491,4 | 702,6   | 805,9   | 908,4   | 1 034,8 | 1 152,6 | 1 314,5 | 1 717,7 |
| 4,50        | 32                           | 81,49             | 144                          | 366,69            | 337,4       | 423,8 | 507,8 | 528,6 | 631,8 | 835,8   | 937,1   | 1 038,2 | 1 163,2 | 1 280,0 | 1 440,9 | 1 842,5 |
| 4,67        | 24                           | 61,12             | 112                          | 285,21            | 433,4       | 515,8 | 597,5 | 617,8 | 719,3 | 921,2   | 1 021,9 | 1 122,4 | 1 247,0 | 1 363,4 | 1 523,9 | 1 924,7 |
| 4,80        | 40                           | 101,86            | 192                          | 488,92            | –           | –     | 363,1 | 386,4 | 497,9 | 709,4   | 812,9   | 915,5   | 1 042,0 | 1 159,8 | 1 321,8 | 1 725,1 |
| 4,80        | 30                           | 76,39             | 144                          | 366,69            | 340,6       | 427,1 | 511,3 | 532,1 | 635,3 | 839,4   | 940,8   | 1 041,9 | 1 167,0 | 1 283,8 | 1 444,7 | 1 846,3 |
| 5,05        | 38                           | 96,77             | 192                          | 488,92            | –           | –     | 366,1 | 389,5 | 501,1 | 712,9   | 816,3   | 919,0   | 1 045,6 | 1 163,4 | 1 325,5 | 1 728,9 |
| 5,09        | 22                           | 56,02             | 112                          | 285,21            | 436,9       | 519,3 | 601,0 | 621,4 | 722,9 | 924,9   | 1 025,6 | 1 126,2 | 1 250,7 | 1 367,2 | 1 527,7 | 1 928,6 |
| 5,14        | 28                           | 71,30             | 144                          | 366,69            | 343,8       | 430,4 | 514,7 | 535,5 | 638,8 | 843,0   | 944,4   | 1 045,6 | 1 170,7 | 1 287,5 | 1 448,5 | 1 850,1 |
| 5,33        | 36                           | 91,67             | 192                          | 488,92            | –           | –     | 369,1 | 392,6 | 504,4 | 716,3   | 819,8   | 922,5   | 1 049,1 | 1 167,1 | 1 329,1 | 1 732,6 |
| 5,54        | 26                           | 66,21             | 144                          | 366,69            | 346,9       | 433,7 | 518,1 | 538,9 | 642,3 | 846,6   | 948,1   | 1 049,2 | 1 174,4 | 1 291,2 | 1 452,2 | 1 853,9 |
| 5,65        | 34                           | 86,58             | 192                          | 488,92            | –           | –     | 372,2 | 395,7 | 507,6 | 719,7   | 823,3   | 926,1   | 1 052,7 | 1 170,7 | 1 332,8 | 1 736,3 |
| 6,00        | 32                           | 81,49             | 192                          | 488,92            | –           | –     | 375,2 | 398,7 | 510,8 | 723,1   | 826,8   | 929,6   | 1 056,3 | 1 174,3 | 1 336,4 | 1 740,1 |
| 6,00        | 24                           | 61,12             | 144                          | 366,69            | 350,1       | 437,0 | 521,5 | 542,3 | 645,8 | 850,2   | 951,7   | 1 052,9 | 1 178,1 | 1 295,0 | 1 456,0 | 1 857,7 |
| 6,40        | 30                           | 76,39             | 192                          | 488,92            | –           | –     | 378,2 | 401,8 | 514,0 | 726,5   | 830,2   | 933,1   | 1 059,9 | 1 177,9 | 1 340,1 | 1 743,8 |
| 6,55        | 22                           | 56,02             | 144                          | 366,69            | 353,3       | 440,3 | 524,8 | 545,7 | 649,3 | 853,8   | 955,3   | 1 056,6 | 1 181,8 | 1 298,7 | 1 459,7 | 1 861,5 |
| 6,86        | 28                           | 71,30             | 192                          | 488,92            | –           | –     | 381,2 | 404,8 | 517,2 | 729,9   | 833,7   | 936,6   | 1 063,4 | 1 181,5 | 1 343,7 | 1 747,5 |
| 7,38        | 26                           | 66,21             | 192                          | 488,92            | –           | –     | 384,3 | 407,9 | 520,5 | 733,3   | 837,2   | 940,1   | 1 067,0 | 1 185,1 | 1 347,4 | 1 751,2 |
| 8,00        | 24                           | 61,12             | 192                          | 488,92            | –           | –     | 387,3 | 411,0 | 523,7 | 736,7   | 840,6   | 943,7   | 1 070,6 | 1 188,7 | 1 351,0 | 1 754,9 |
| 8,73        | 22                           | 56,02             | 192                          | 488,92            | –           | –     | 390,3 | 414,0 | 526,9 | 740,1   | 844,1   | 947,2   | 1 074,1 | 1 192,3 | 1 354,7 | 1 758,7 |



Centre distances  
Section 14M

Table 4k

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |       |       |       |       |       |       |       |        |        |        |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
|             |                              |                   |                              |                   | 966         | 1190  | 1400  | 1610  | 1778  | 1890  | 2100  | 2310  | 2450   | 2590   | 2 800  |
|             |                              | mm                | mm                           |                   | mm          |       |       |       |       |       |       |       |        |        |        |
| 1,00        | 80                           | 356,61            | 80                           | 356,61            | -           | -     | -     | -     | -     | 385,0 | 490,0 | 595,0 | 665,0  | 735,0  | 840,0  |
| 1,00        | 72                           | 320,86            | 72                           | 320,86            | -           | -     | -     | -     | 385,0 | 441,0 | 546,0 | 651,0 | 721,0  | 791,0  | 896,0  |
| 1,00        | 68                           | 303,03            | 68                           | 303,03            | -           | -     | -     | 329,0 | 413,0 | 469,0 | 574,0 | 679,0 | 749,0  | 819,0  | 924,0  |
| 1,00        | 64                           | 285,21            | 64                           | 285,21            | -           | -     | -     | 357,0 | 441,0 | 497,0 | 602,0 | 707,0 | 777,0  | 847,0  | 952,0  |
| 1,00        | 60                           | 267,38            | 60                           | 267,38            | -           | -     | -     | 385,0 | 469,0 | 525,0 | 630,0 | 735,0 | 805,0  | 875,0  | 980,0  |
| 1,00        | 56                           | 249,55            | 56                           | 249,55            | -           | -     | 308,0 | 413,0 | 497,0 | 553,0 | 658,0 | 763,0 | 833,0  | 903,0  | 1008,0 |
| 1,00        | 52                           | 231,73            | 52                           | 231,73            | -           | -     | 336,0 | 441,0 | 525,0 | 581,0 | 686,0 | 791,0 | 861,0  | 931,0  | 1036,0 |
| 1,00        | 48                           | 213,90            | 48                           | 213,90            | -           | 259,0 | 364,0 | 469,0 | 553,0 | 609,0 | 714,0 | 819,0 | 889,0  | 959,0  | 1064,0 |
| 1,00        | 44                           | 196,08            | 44                           | 196,08            | -           | 287,0 | 392,0 | 497,0 | 581,0 | 637,0 | 742,0 | 847,0 | 917,0  | 987,0  | 1092,0 |
| 1,00        | 40                           | 178,25            | 40                           | 178,25            | 203,0       | 315,0 | 420,0 | 525,0 | 609,0 | 665,0 | 770,0 | 875,0 | 945,0  | 1015,0 | 1120,0 |
| 1,00        | 38                           | 169,34            | 38                           | 169,34            | 217,0       | 329,0 | 434,0 | 539,0 | 623,0 | 679,0 | 784,0 | 889,0 | 959,0  | 1029,0 | 1134,0 |
| 1,00        | 36                           | 160,43            | 36                           | 160,43            | 231,0       | 343,0 | 448,0 | 553,0 | 637,0 | 693,0 | 798,0 | 903,0 | 973,0  | 1043,0 | 1148,0 |
| 1,00        | 34                           | 151,52            | 34                           | 151,52            | 245,0       | 357,0 | 462,0 | 567,0 | 651,0 | 707,0 | 812,0 | 917,0 | 987,0  | 1057,0 | 1162,0 |
| 1,00        | 32                           | 142,60            | 32                           | 142,60            | 259,0       | 371,0 | 476,0 | 581,0 | 665,0 | 721,0 | 826,0 | 931,0 | 1001,0 | 1071,0 | 1176,0 |
| 1,00        | 30                           | 133,69            | 30                           | 133,69            | 273,0       | 385,0 | 490,0 | 595,0 | 679,0 | 735,0 | 840,0 | 945,0 | 1015,0 | 1085,0 | 1190,0 |
| 1,00        | 29                           | 129,23            | 29                           | 129,23            | 280,0       | 392,0 | 497,0 | 602,0 | 686,0 | 742,0 | 847,0 | 952,0 | 1022,0 | 1092,0 | 1197,0 |
| 1,00        | 28                           | 124,78            | 28                           | 124,78            | 287,0       | 399,0 | 504,0 | 609,0 | 693,0 | 749,0 | 854,0 | 959,0 | 1029,0 | 1099,0 | 1204,0 |
| 1,03        | 29                           | 129,23            | 30                           | 133,69            | 276,5       | 388,5 | 493,5 | 598,5 | 682,5 | 738,5 | 843,5 | 948,5 | 1018,5 | 1088,5 | 1193,5 |
| 1,04        | 28                           | 124,78            | 29                           | 129,23            | 283,5       | 395,5 | 500,5 | 605,5 | 689,5 | 745,5 | 850,5 | 955,5 | 1025,5 | 1095,5 | 1200,5 |
| 1,05        | 38                           | 169,34            | 40                           | 178,25            | 210,0       | 322,0 | 427,0 | 532,0 | 616,0 | 672,0 | 777,0 | 882,0 | 952,0  | 1022,0 | 1127,0 |
| 1,06        | 68                           | 303,03            | 72                           | 320,86            | -           | -     | -     | -     | 398,9 | 454,9 | 559,9 | 664,9 | 735,0  | 805,0  | 910,0  |
| 1,06        | 64                           | 285,21            | 68                           | 303,03            | -           | -     | -     | 342,9 | 426,9 | 482,9 | 587,9 | 692,9 | 763,0  | 833,0  | 938,0  |
| 1,06        | 36                           | 160,43            | 38                           | 169,34            | 224,0       | 336,0 | 441,0 | 546,0 | 630,0 | 686,0 | 791,0 | 896,0 | 966,0  | 1036,0 | 1141,0 |
| 1,06        | 34                           | 151,52            | 36                           | 160,43            | 238,0       | 350,0 | 455,0 | 560,0 | 644,0 | 700,0 | 805,0 | 910,0 | 980,0  | 1050,0 | 1155,0 |
| 1,06        | 32                           | 142,60            | 34                           | 151,52            | 252,0       | 364,0 | 469,0 | 574,0 | 658,0 | 714,0 | 819,0 | 924,0 | 994,0  | 1064,0 | 1169,0 |
| 1,07        | 60                           | 267,38            | 64                           | 285,21            | -           | -     | -     | 370,9 | 454,9 | 510,9 | 615,9 | 720,9 | 791,0  | 861,0  | 966,0  |
| 1,07        | 56                           | 249,55            | 60                           | 267,38            | -           | -     | 293,9 | 398,9 | 482,9 | 538,9 | 643,9 | 749,0 | 819,0  | 889,0  | 994,0  |
| 1,07        | 30                           | 133,69            | 32                           | 142,60            | 266,0       | 378,0 | 483,0 | 588,0 | 672,0 | 728,0 | 833,0 | 938,0 | 1008,0 | 1078,0 | 1183,0 |
| 1,07        | 28                           | 124,78            | 30                           | 133,69            | 280,0       | 392,0 | 497,0 | 602,0 | 686,0 | 742,0 | 847,0 | 952,0 | 1022,0 | 1092,0 | 1197,0 |
| 1,08        | 52                           | 231,73            | 56                           | 249,55            | -           | -     | 321,9 | 426,9 | 510,9 | 566,9 | 671,9 | 777,0 | 847,0  | 917,0  | 1022,0 |
| 1,08        | 48                           | 213,90            | 52                           | 231,73            | -           | 244,8 | 349,9 | 454,9 | 538,9 | 594,9 | 699,9 | 805,0 | 875,0  | 945,0  | 1050,0 |
| 1,09        | 44                           | 196,08            | 48                           | 213,90            | -           | 272,9 | 377,9 | 482,9 | 566,9 | 622,9 | 727,9 | 833,0 | 903,0  | 973,0  | 1078,0 |
| 1,10        | 40                           | 178,25            | 44                           | 196,08            | -           | 300,9 | 405,9 | 510,9 | 594,9 | 650,9 | 756,0 | 861,0 | 931,0  | 1001,0 | 1106,0 |
| 1,10        | 29                           | 129,23            | 32                           | 142,60            | 269,4       | 381,4 | 486,5 | 591,5 | 675,5 | 731,5 | 836,5 | 941,5 | 1011,5 | 1081,5 | 1186,5 |
| 1,11        | 72                           | 320,86            | 80                           | 356,51            | -           | -     | -     | -     | 356,6 | 412,6 | 517,7 | 622,7 | 692,8  | 762,8  | 867,8  |
| 1,11        | 36                           | 160,43            | 40                           | 178,25            | 216,8       | 328,9 | 433,9 | 538,9 | 622,9 | 678,9 | 784,0 | 889,0 | 959,0  | 1029,0 | 1134,0 |
| 1,12        | 34                           | 151,52            | 38                           | 169,34            | 230,8       | 342,9 | 447,9 | 552,9 | 636,9 | 692,9 | 798,0 | 903,0 | 973,0  | 1043,0 | 1148,0 |
| 1,13        | 80                           | 356,51            | 90                           | 401,07            | -           | -     | -     | -     | -     | -     | 454,5 | 559,6 | 629,6  | 699,6  | 804,7  |
| 1,13        | 64                           | 285,21            | 72                           | 320,86            | -           | -     | -     | 328,5 | 412,6 | 468,7 | 573,7 | 678,8 | 748,8  | 818,8  | 923,8  |
| 1,13        | 60                           | 267,38            | 68                           | 303,03            | -           | -     | -     | 356,6 | 440,6 | 496,7 | 601,7 | 706,8 | 776,8  | 846,8  | 951,8  |
| 1,13        | 32                           | 142,60            | 36                           | 160,43            | 244,8       | 356,9 | 461,9 | 566,9 | 650,9 | 706,9 | 812,0 | 917,0 | 987,0  | 1057,0 | 1162,0 |
| 1,13        | 30                           | 133,69            | 34                           | 151,52            | 258,8       | 370,9 | 475,9 | 580,9 | 664,9 | 720,9 | 826,0 | 931,0 | 1001,0 | 1071,0 | 1176,0 |
| 1,14        | 56                           | 249,55            | 64                           | 285,21            | -           | -     | -     | 384,6 | 468,6 | 524,7 | 629,7 | 734,8 | 804,8  | 874,8  | 979,8  |
| 1,14        | 28                           | 124,78            | 32                           | 142,60            | 272,9       | 384,9 | 489,9 | 594,9 | 678,9 | 735,0 | 840,0 | 945,0 | 1015,0 | 1085,0 | 1190,0 |
| 1,15        | 52                           | 231,73            | 60                           | 267,38            | -           | -     | 307,5 | 412,6 | 496,7 | 552,7 | 657,8 | 762,8 | 832,8  | 902,8  | 1007,8 |
| 1,16        | 38                           | 169,34            | 44                           | 196,08            | 195,5       | 307,7 | 412,8 | 517,8 | 601,9 | 657,9 | 762,9 | 867,9 | 937,9  | 1007,9 | 1112,9 |
| 1,17        | 48                           | 213,90            | 56                           | 249,55            | -           | -     | 335,5 | 440,6 | 524,7 | 580,7 | 685,8 | 790,8 | 860,8  | 930,8  | 1035,8 |
| 1,17        | 29                           | 129,23            | 34                           | 151,52            | 262,3       | 374,3 | 479,4 | 584,4 | 668,4 | 724,4 | 829,4 | 934,4 | 1004,4 | 1074,4 | 1179,5 |
| 1,18        | 68                           | 303,03            | 80                           | 356,51            | -           | -     | -     | -     | 370,0 | 426,2 | 531,3 | 636,4 | 706,5  | 776,5  | 881,6  |
| 1,18        | 44                           | 196,08            | 52                           | 231,73            | -           | 258,4 | 363,6 | 468,7 | 552,7 | 608,7 | 713,8 | 818,8 | 888,8  | 958,8  | 1063,9 |
| 1,18        | 34                           | 151,52            | 40                           | 178,25            | 223,6       | 335,7 | 440,8 | 545,8 | 629,9 | 685,9 | 790,9 | 895,9 | 965,9  | 1035,9 | 1140,9 |
| 1,19        | 32                           | 142,60            | 38                           | 169,34            | 237,6       | 349,7 | 454,8 | 559,8 | 643,9 | 699,9 | 804,9 | 909,9 | 979,9  | 1049,9 | 1154,9 |
| 1,20        | 60                           | 267,38            | 72                           | 320,86            | -           | -     | -     | 342,0 | 426,2 | 482,3 | 587,4 | 692,5 | 762,5  | 832,6  | 937,6  |
| 1,20        | 40                           | 178,25            | 48                           | 213,90            | -           | 286,4 | 391,6 | 496,7 | 580,7 | 636,8 | 741,8 | 846,8 | 916,8  | 986,8  | 1091,9 |
| 1,20        | 30                           | 133,69            | 36                           | 160,43            | 251,6       | 363,8 | 468,8 | 573,8 | 657,9 | 713,9 | 818,9 | 923,9 | 993,9  | 1063,9 | 1168,9 |
| 1,21        | 56                           | 249,55            | 68                           | 303,03            | -           | -     | -     | 370,0 | 454,2 | 510,3 | 615,4 | 720,5 | 790,5  | 860,6  | 965,6  |
| 1,21        | 28                           | 124,78            | 34                           | 151,52            | 265,7       | 377,8 | 482,8 | 587,8 | 671,9 | 727,9 | 832,9 | 937,9 | 1007,9 | 1077,9 | 1182,9 |
| 1,22        | 36                           | 160,43            | 44                           | 196,08            | 202,2       | 314,5 | 419,6 | 524,7 | 608,7 | 664,8 | 769,8 | 874,8 | 944,8  | 1014,8 | 1119,9 |
| 1,23        | 52                           | 231,73            | 64                           | 285,21            | -           | -     | 292,8 | 398,1 | 482,3 | 538,3 | 643,4 | 748,5 | 818,6  | 888,6  | 993,6  |
| 1,24        | 29                           | 129,23            | 36                           | 160,43            | 255,0       | 367,2 | 472,2 | 577,3 | 661,3 | 717,3 | 822,4 | 927,4 | 997,4  | 1067,4 | 1172,4 |
| 1,25        | 72                           | 320,86            | 90                           | 401,07            | -           | -     | -     | -     | -     | 375,9 | 481,3 | 586,6 | 656,8  | 726,9  | 832,0  |
| 1,25        | 64                           | 285,21            | 80                           | 356,51            | -           | -     | -     | -     | 383,3 | 439,6 | 544,8 | 650,0 | 720,1  | 790,2  | 895,3  |
| 1,25        | 48                           | 213,90            | 60                           | 267,38            | -           | -     | 320,9 | 426,2 | 510,3 | 566,4 | 671,5 | 776,6 | 846,6  | 916,6  | 1021,7 |
| 1,25        | 32                           | 142,60            | 40                           | 178,25            | 230,3       | 342,5 | 447,6 | 552,7 | 636,8 | 692,8 | 797,9 | 902,8 | 972,8  | 1042,9 | 1147,9 |
| 1,26        | 38                           | 169,34            | 48                           | 213,90            | -           | 293,2 | 398,4 | 503,5 | 587,6 | 643,6 | 748,7 | 853,7 | 923,7  | 993,8  | 1098,8 |
| 1,27        | 44                           | 196,08            | 56                           | 249,55            | -           | 243,5 | 349,0 | 454,2 | 538,3 | 594,4 | 699,5 | 804,6 | 874,6  | 944,6  | 1049,7 |
| 1,27        | 30                           | 133,69            | 38                           | 169,34            | 244,3       | 356,6 | 461,7 | 566,7 | 650,8 | 706,8 | 811,8 | 916,8 | 986,8  | 1056,8 | 1161,8 |
| 1,29        | 56                           | 249,55            | 72                           | 320,86            | -           | -     | -     | 355,2 | 439,6 | 495,7 | 600,9 | 706,1 | 776,2  | 846,3  | 951,3  |
| 1,29        | 34                           | 151,52            | 44                           | 196,08            | 208,8       | 321,2 | 426,4 | 531,5 | 615,6 | 671,6 | 776,7 | 881,7 | 951,7  | 1021,8 | 1126,8 |
| 1,29        | 28                           | 124,78            | 36                           | 160,43            | 258,4       | 370,6 | 475,7 | 580,7 | 664,8 | 720,8 | 825,8 | 930,8 | 1000,8 | 1070,9 | 1175,9 |
| 1,30        | 40                           | 178,25            | 52                           | 231,73            | -           | 271,7 | 377,1 | 482,3 | 566,4 | 622,4 | 727,5 | 832,6 | 902,6  | 972,6  | 1077,7 |
| 1,31        | 52                           | 231,73            | 68                           | 303,03            | -           | -     | -     | 383,3 | 467,6 | 523,8 | 629,0 | 734,1 | 804,2  | 874,3  | 979,4  |
| 1,31        | 29                           | 129,23            | 38                           | 169,34            | 247,7       | 359,9 | 465,1 | 570,1 | 654,2 | 710,2 | 815,3 | 920,3 | 990,3  | 1060,3 | 1165,3 |
| 1,32        | 68                           | 303,03            | 90                           | 401,07            | -           | -     | -     | -     | -     | 388,9 | 494,6 | 600,0 | 670,2  | 740,4  | 845,6  |
| 1,33        | 60                           | 267,38            | 80                           | 356,51            | -           | -     | -     | -     | 396,5 | 452,8 | 558,2 | 663,5 | 733,6  | 803,8  | 908,9  |
| 1,33        | 48                           | 213,90            | 64                           | 285,21            | -           | -     | 305,9 | 411,5 | 495,7 | 551,8 | 657,0 | 762,2 | 832,2  | 902,3  | 1007,4 |
| 1,33        | 36                           | 160,43            | 48                           | 213,90            | -           | 299,8 | 405,1 | 510,3 | 594,4 | 650,5 | 755,6 | 860,6 | 930,6  | 1000,6 | 1105,7 |
| 1,33        | 30                           | 133,69            | 40                           | 178,25            | 237,0       | 349,3 | 454,5 | 559,6 | 643,6 | 699,6 | 804,7 | 909,7 |        |        |        |

# Centre distances

## Section 14M

Table 41

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |       |       |       |       |       |       |       |       |        |        |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
|             |                              |                   |                              |                   | 966         | 1190  | 1400  | 1610  | 1778  | 1890  | 2100  | 2310  | 2450  | 2590   | 2 800  |
|             |                              | mm                | mm                           | mm                |             |       |       |       |       |       |       |       |       |        |        |
| 1,37        | 38                           | 169,34            | 52                           | 231,73            | –           | 278,2 | 383,7 | 489,0 | 573,2 | 629,2 | 734,3 | 839,4 | 909,5 | 979,5  | 1084,6 |
| 1,38        | 52                           | 231,73            | 72                           | 320,86            | –           | –     | –     | 368,3 | 452,8 | 509,0 | 614,4 | 719,6 | 789,7 | 859,8  | 965,0  |
| 1,38        | 32                           | 142,60            | 44                           | 196,08            | 215,3       | 327,9 | 433,2 | 538,3 | 622,4 | 678,5 | 783,5 | 888,6 | 958,6 | 1028,7 | 1133,7 |
| 1,38        | 29                           | 129,23            | 40                           | 178,25            | 240,2       | 352,6 | 457,8 | 563,0 | 647,0 | 703,1 | 808,1 | 913,2 | 983,2 | 1053,2 | 1158,2 |
| 1,40        | 80                           | 356,51            | 112                          | 499,11            | –           | –     | –     | –     | –     | –     | –     | 477,7 | 548,4 | 618,9  | 724,5  |
| 1,40        | 40                           | 178,25            | 56                           | 249,55            | –           | 256,5 | 362,2 | 467,6 | 551,8 | 608,0 | 713,1 | 818,2 | 888,3 | 958,3  | 1063,4 |
| 1,41        | 64                           | 285,21            | 90                           | 401,07            | –           | –     | –     | –     | –     | 401,8 | 507,7 | 613,3 | 683,5 | 753,8  | 859,0  |
| 1,41        | 34                           | 151,52            | 48                           | 213,90            | –           | 306,4 | 411,8 | 517,1 | 601,2 | 657,3 | 762,4 | 867,4 | 937,5 | 1007,5 | 1112,6 |
| 1,42        | 48                           | 213,90            | 68                           | 303,03            | –           | –     | 290,6 | 396,5 | 480,9 | 537,2 | 642,5 | 747,7 | 817,8 | 887,9  | 993,0  |
| 1,43        | 56                           | 249,55            | 80                           | 356,51            | –           | –     | –     | 324,6 | 409,5 | 465,9 | 571,5 | 676,9 | 747,1 | 817,3  | 922,4  |
| 1,43        | 28                           | 124,78            | 40                           | 178,25            | 243,5       | 356,0 | 461,2 | 566,4 | 650,5 | 706,5 | 811,6 | 916,6 | 986,6 | 1056,7 | 1161,7 |
| 1,44        | 36                           | 160,43            | 52                           | 231,73            | –           | 284,8 | 390,4 | 495,7 | 579,9 | 636,0 | 741,1 | 846,3 | 916,3 | 986,4  | 1091,4 |
| 1,45        | 44                           | 196,08            | 64                           | 285,21            | –           | –     | 318,9 | 424,7 | 509,0 | 565,2 | 670,5 | 775,7 | 845,8 | 915,9  | 1021,0 |
| 1,47        | 38                           | 169,34            | 56                           | 249,55            | –           | 262,9 | 368,8 | 474,3 | 558,6 | 614,7 | 719,9 | 825,0 | 895,1 | 965,2  | 1070,3 |
| 1,47        | 30                           | 133,69            | 44                           | 196,08            | 221,8       | 334,5 | 439,9 | 545,1 | 629,2 | 685,3 | 790,4 | 895,5 | 965,5 | 1035,5 | 1140,6 |
| 1,50        | 60                           | 267,38            | 90                           | 401,07            | –           | –     | –     | –     | 357,7 | 414,6 | 520,7 | 626,4 | 698,6 | 767,1  | 872,4  |
| 1,50        | 48                           | 213,90            | 72                           | 320,86            | –           | –     | –     | 381,2 | 465,9 | 522,3 | 627,7 | 733,0 | 803,2 | 873,4  | 978,5  |
| 1,50        | 40                           | 178,25            | 60                           | 267,38            | –           | 240,9 | 347,1 | 452,8 | 537,2 | 593,3 | 698,6 | 803,8 | 873,9 | 943,9  | 1049,1 |
| 1,50        | 32                           | 142,60            | 48                           | 213,90            | 199,8       | 313,0 | 418,5 | 523,8 | 608,0 | 664,0 | 769,2 | 874,3 | 944,3 | 1014,4 | 1119,4 |
| 1,52        | 29                           | 129,23            | 44                           | 196,08            | 225,0       | 337,8 | 443,2 | 548,5 | 632,6 | 688,7 | 793,8 | 898,9 | 968,9 | 1039,0 | 1144,0 |
| 1,53        | 34                           | 151,52            | 52                           | 231,73            | –           | 291,2 | 397,0 | 502,4 | 586,6 | 642,7 | 747,9 | 853,1 | 923,1 | 993,2  | 1098,3 |
| 1,54        | 52                           | 231,73            | 80                           | 356,51            | –           | –     | –     | 337,2 | 422,4 | 478,9 | 584,7 | 690,2 | 760,4 | 830,7  | 935,9  |
| 1,55        | 44                           | 196,08            | 68                           | 303,03            | –           | –     | 303,3 | 409,5 | 494,1 | 550,4 | 655,8 | 761,1 | 831,3 | 901,4  | 1006,6 |
| 1,56        | 72                           | 320,86            | 112                          | 499,11            | –           | –     | –     | –     | –     | –     | –     | 503,1 | 574,1 | 644,8  | 750,7  |
| 1,56        | 36                           | 160,43            | 56                           | 249,55            | –           | 269,3 | 375,4 | 480,9 | 565,2 | 621,4 | 726,6 | 831,8 | 901,9 | 972,0  | 1077,1 |
| 1,57        | 28                           | 124,78            | 44                           | 196,08            | 228,2       | 341,1 | 446,6 | 551,8 | 636,0 | 692,1 | 797,2 | 902,3 | 972,3 | 1042,4 | 1147,4 |
| 1,58        | 38                           | 169,34            | 60                           | 267,38            | –           | 247,1 | 353,6 | 459,4 | 543,8 | 600,0 | 705,3 | 810,5 | 880,6 | 950,7  | 1055,9 |
| 1,60        | 40                           | 178,25            | 64                           | 285,21            | –           | –     | 331,7 | 437,7 | 522,3 | 578,5 | 683,9 | 789,2 | 859,3 | 929,5  | 1034,6 |
| 1,60        | 30                           | 133,69            | 48                           | 213,90            | 206,1       | 319,5 | 425,1 | 530,5 | 614,7 | 670,8 | 776,0 | 881,1 | 951,2 | 1021,2 | 1126,3 |
| 1,61        | 56                           | 249,55            | 90                           | 401,07            | –           | –     | –     | –     | 370,2 | 427,3 | 533,6 | 639,5 | 710,0 | 780,3  | 885,8  |
| 1,63        | 32                           | 142,60            | 52                           | 231,73            | –           | 297,7 | 403,5 | 509,0 | 593,3 | 649,5 | 754,7 | 859,8 | 929,9 | 1000,0 | 1105,1 |
| 1,64        | 44                           | 196,08            | 72                           | 320,86            | –           | –     | 287,2 | 394,1 | 478,9 | 535,4 | 641,0 | 746,4 | 816,6 | 886,8  | 992,0  |
| 1,65        | 68                           | 303,03            | 112                          | 499,11            | –           | –     | –     | –     | –     | –     | –     | 515,7 | 586,8 | 657,7  | 763,7  |
| 1,65        | 34                           | 151,52            | 56                           | 249,55            | –           | 275,6 | 381,8 | 487,5 | 571,9 | 628,1 | 733,4 | 838,6 | 908,7 | 978,8  | 1083,9 |
| 1,66        | 29                           | 129,23            | 48                           | 213,90            | 209,2       | 322,7 | 428,4 | 533,8 | 618,1 | 674,2 | 779,4 | 884,5 | 954,6 | 1024,6 | 1129,7 |
| 1,67        | 48                           | 213,90            | 80                           | 356,51            | –           | –     | –     | 349,7 | 435,1 | 491,8 | 597,7 | 703,4 | 773,7 | 844,0  | 949,3  |
| 1,67        | 36                           | 160,43            | 60                           | 267,38            | –           | 253,3 | 360,0 | 465,9 | 550,4 | 606,6 | 712,0 | 817,3 | 887,4 | 957,5  | 1062,7 |
| 1,68        | 38                           | 169,34            | 64                           | 285,21            | –           | –     | 338,0 | 444,2 | 528,8 | 585,1 | 690,6 | 795,9 | 866,1 | 936,2  | 1041,4 |
| 1,70        | 40                           | 178,25            | 68                           | 303,03            | –           | –     | 315,8 | 422,4 | 507,2 | 563,5 | 669,1 | 774,5 | 844,7 | 914,9  | 1020,1 |
| 1,71        | 28                           | 124,78            | 48                           | 213,90            | 212,3       | 325,9 | 431,7 | 537,2 | 621,4 | 677,5 | 782,7 | 887,9 | 958,0 | 1028,0 | 1133,1 |
| 1,73        | 52                           | 231,73            | 90                           | 401,07            | –           | –     | –     | –     | 382,6 | 439,8 | 546,4 | 652,5 | 723,0 | 793,5  | 899,0  |
| 1,73        | 30                           | 133,69            | 52                           | 231,73            | –           | 304,0 | 410,1 | 515,7 | 600,0 | 656,2 | 761,4 | 866,6 | 936,7 | 1006,8 | 1111,9 |
| 1,75        | 64                           | 285,21            | 112                          | 499,11            | –           | –     | –     | –     | –     | –     | 420,3 | 528,1 | 599,4 | 670,5  | 776,6  |
| 1,75        | 32                           | 142,60            | 56                           | 249,55            | –           | 281,9 | 388,3 | 494,1 | 578,5 | 634,7 | 740,1 | 845,3 | 915,4 | 985,5  | 1090,7 |
| 1,76        | 34                           | 151,52            | 60                           | 267,38            | –           | 259,5 | 366,4 | 472,4 | 557,0 | 613,3 | 718,7 | 824,0 | 894,1 | 964,3  | 1069,4 |
| 1,78        | 36                           | 160,43            | 64                           | 285,21            | –           | 236,7 | 344,3 | 450,7 | 535,4 | 591,7 | 697,2 | 802,6 | 872,8 | 942,9  | 1048,1 |
| 1,79        | 38                           | 169,34            | 68                           | 303,03            | –           | –     | 322,0 | 428,8 | 513,6 | 570,1 | 675,7 | 781,1 | 851,4 | 921,6  | 1026,8 |
| 1,79        | 29                           | 129,23            | 52                           | 231,73            | –           | 307,2 | 413,3 | 519,0 | 603,3 | 659,5 | 764,8 | 870,0 | 940,1 | 1010,2 | 1115,3 |
| 1,80        | 80                           | 356,51            | 144                          | 641,71            | –           | –     | –     | –     | –     | –     | –     | –     | –     | –      | 598,9  |
| 1,80        | 40                           | 178,25            | 72                           | 320,86            | –           | –     | 299,5 | 406,7 | 491,8 | 548,4 | 654,1 | 759,7 | 829,9 | 900,2  | 1005,5 |
| 1,82        | 44                           | 196,08            | 80                           | 356,51            | –           | –     | –     | 362,1 | 447,8 | 504,6 | 610,7 | 716,5 | 786,9 | 857,2  | 962,7  |
| 1,86        | 28                           | 124,78            | 52                           | 231,73            | 195,6       | 310,4 | 416,6 | 522,3 | 606,6 | 662,8 | 768,1 | 873,4 | 943,5 | 1013,6 | 1118,7 |
| 1,87        | 60                           | 267,38            | 112                          | 499,11            | –           | –     | –     | –     | –     | –     | 432,4 | 540,5 | 612,0 | 683,2  | 789,5  |
| 1,87        | 30                           | 133,69            | 56                           | 249,55            | –           | 288,2 | 394,7 | 500,6 | 585,1 | 641,4 | 746,8 | 852,0 | 922,2 | 992,3  | 1097,5 |
| 1,88        | 48                           | 213,90            | 90                           | 401,07            | –           | –     | –     | –     | 394,9 | 452,3 | 559,2 | 665,4 | 736,0 | 806,6  | 912,2  |
| 1,88        | 34                           | 151,52            | 64                           | 285,21            | –           | 242,7 | 350,6 | 457,1 | 541,9 | 598,3 | 703,8 | 809,2 | 879,5 | 949,6  | 1054,9 |
| 1,88        | 32                           | 142,60            | 60                           | 267,38            | –           | 265,6 | 372,8 | 478,9 | 563,5 | 619,9 | 725,3 | 830,7 | 900,8 | 971,0  | 1076,2 |
| 1,89        | 38                           | 169,34            | 72                           | 320,86            | –           | –     | 305,6 | 413,0 | 498,2 | 554,8 | 660,7 | 766,3 | 836,6 | 906,8  | 1012,2 |
| 1,89        | 36                           | 160,43            | 68                           | 303,03            | –           | –     | 328,2 | 435,1 | 520,1 | 576,6 | 682,3 | 787,8 | 858,0 | 928,3  | 1033,5 |
| 1,93        | 29                           | 129,23            | 56                           | 249,55            | –           | 291,3 | 397,9 | 503,9 | 588,4 | 644,7 | 750,1 | 855,4 | 925,5 | 995,7  | 1100,9 |
| 2,00        | 72                           | 320,86            | 144                          | 641,71            | –           | –     | –     | –     | –     | –     | –     | –     | –     | –      | 513,7  |
| 2,00        | 56                           | 249,55            | 112                          | 499,11            | –           | –     | –     | –     | –     | –     | 444,4 | 552,9 | 624,5 | 695,8  | 802,3  |
| 2,00        | 40                           | 178,25            | 80                           | 356,51            | –           | –     | –     | 374,3 | 460,3 | 517,3 | –     | 623,6 | 729,5 | 800,0  | 870,4  |
| 2,00        | 36                           | 160,43            | 72                           | 320,86            | –           | –     | 311,6 | 419,3 | 504,6 | 561,3 | 667,2 | 772,8 | 843,2 | 913,5  | 1018,8 |
| 2,00        | 34                           | 151,52            | 68                           | 303,03            | –           | –     | 334,4 | 441,5 | 526,5 | 583,1 | 688,8 | 794,4 | 864,7 | 934,9  | 1040,2 |
| 2,00        | 32                           | 142,60            | 64                           | 285,21            | –           | 248,7 | 356,9 | 463,5 | 548,4 | 604,8 | 710,4 | 815,9 | 886,1 | 956,3  | 1061,6 |
| 2,00        | 30                           | 133,69            | 60                           | 267,38            | –           | 271,7 | 379,1 | 485,4 | 570,1 | 626,4 | 731,9 | 837,3 | 907,5 | 977,7  | 1082,9 |
| 2,00        | 28                           | 124,78            | 56                           | 249,55            | –           | 294,4 | 401,1 | 507,2 | 591,7 | 648,0 | 753,4 | 858,7 | 928,9 | 999,1  | 1104,2 |
| 2,05        | 44                           | 196,08            | 90                           | 401,07            | –           | –     | –     | 319,4 | 407,0 | 464,6 | 571,8 | 678,2 | 749,0 | 819,6  | 925,3  |
| 2,07        | 29                           | 129,23            | 60                           | 267,38            | –           | 274,8 | 382,2 | 488,6 | 573,3 | 629,7 | 735,3 | 840,7 | 910,9 | 981,1  | 1086,3 |
| 2,10        | 80                           | 356,51            | 168                          | 748,66            | –           | –     | –     | –     | –     | –     | –     | –     | –     | –      | –      |
| 2,11        | 38                           | 169,34            | 80                           | 356,51            | –           | –     | –     | 380,4 | 466,6 | 523,6 | 630,0 | 736,0 | 806,6 | 877,0  | 982,5  |
| 2,12        | 68                           | 303,03            | 144                          | 641,71            | –           | –     | –     | –     | –     | –     | –     | –     | –     | –      | 525,5  |
| 2,12        | 34                           | 151,52            | 72                           | 320,86            | –           | –     | 317,6 | 425,5 | 511,0 | 567,7 | 673,7 | 779,4 | 849,8 | 920,1  | 1025,5 |
| 2,13        | 32                           | 142,60            | 68                           | 303,03            | –           | –     | 340,5 | 447,8 | 533,0 | 589,5 | 695,4 | 801,0 | 871,3 | 941,6  | 1046,9 |
| 2,13        | 30                           | 133,69            | 64                           | 285,21            | –           | 254,6 | 363,1 | 469,9 | 554,8 | 611,3 | 717,0 | 822,5 | 892,8 | 963,0  | 1068,3 |
| 2,14        | 28                           | 124,78            | 60                           | 267,38            | –           | 277,8 | 385,4 | 491,8 | 576,6 | 633,0 | 738,6 | 844,0 | 914,2 | 984,4  | 1089,7 |
| 2,15        | 52                           | 231,73            | 112                          | 499,11            | –           | –     | –     | –     | –     | –     | 456,3 | 565,1 | 636,9 | 708,3  | 815,0  |
| 2,21        | 29                           | 129,23            | 64                           | 285,21            | –           | 257,6 | 366,2 | 473,1 | 558,0 | 614,5 | 720,3 | 825,8 | 896,1 | 966,4  | 1071,7 |
| 2,22        | 36                           | 160,43            | 80                           | 356,51            |             |       |       |       |       |       |       |       |       |        |        |

Centre distances  
Section 14M

Table 4m

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |       |       |       |       |       |       |       |       |       |        |        |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
|             |                              |                   |                              |                   | 966         | 1190  | 1400  | 1610  | 1778  | 1890  | 2100  | 2310  | 2450  | 2590  | 2 800  |        |
|             |                              | mm                | mm                           |                   | mm          |       |       |       |       |       |       |       |       |       |        |        |
| 2,25        | 64                           | 285,21            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | 537,1  | 647,3  |
| 2,25        | 40                           | 178,25            | 90                           | 401,07            | -           | -     | -     | 331,1 | 419,1 | 476,9 | 584,3 | 691,0 | 761,8 | 832,5 | 938,4  | 1032,1 |
| 2,25        | 32                           | 142,60            | 72                           | 320,86            | -           | -     | 323,6 | 431,8 | 517,3 | 574,1 | 680,2 | 785,9 | 856,4 | 926,7 | 1053,6 | 1153,6 |
| 2,27        | 30                           | 133,69            | 68                           | 303,03            | -           | 236,7 | 346,6 | 454,1 | 539,3 | 596,0 | 701,9 | 807,6 | 877,9 | 948,2 | 1053,6 | 1153,6 |
| 2,29        | 28                           | 124,78            | 64                           | 285,21            | -           | 260,6 | 369,3 | 476,2 | 561,3 | 617,8 | 723,5 | 829,1 | 899,4 | 969,7 | 1075,0 | 1175,0 |
| 2,33        | 72                           | 320,86            | 168                          | 748,66            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 2,33        | 48                           | 213,90            | 112                          | 499,11            | -           | -     | -     | -     | -     | -     | 468,1 | 577,3 | 649,3 | 720,8 | 827,7  | 934,6  |
| 2,34        | 29                           | 129,23            | 68                           | 303,03            | -           | 239,6 | 349,6 | 457,2 | 542,5 | 599,2 | 705,1 | 810,8 | 881,2 | 951,5 | 1056,9 | 1162,3 |
| 2,35        | 34                           | 151,52            | 80                           | 356,51            | -           | -     | 282,2 | 392,5 | 479,0 | 536,2 | 642,8 | 749,0 | 819,6 | 890,1 | 995,7  | 1101,1 |
| 2,37        | 38                           | 169,34            | 90                           | 401,07            | -           | -     | -     | 336,9 | 425,1 | 483,0 | 590,6 | 697,4 | 768,2 | 839,0 | 944,9  | 1050,3 |
| 2,40        | 80                           | 356,51            | 192                          | 855,62            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 2,40        | 60                           | 267,38            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | -     | 473,5 | 548,8 | 659,2  | 769,6  |
| 2,40        | 30                           | 133,69            | 72                           | 320,86            | -           | -     | 329,6 | 438,0 | 523,6 | 580,4 | 686,6 | 792,5 | 862,9 | 933,3 | 1038,8 | 1144,2 |
| 2,43        | 28                           | 124,78            | 68                           | 303,03            | -           | 242,4 | 352,7 | 460,3 | 545,7 | 602,4 | 708,4 | 814,1 | 884,5 | 954,8 | 1060,3 | 1165,7 |
| 2,47        | 68                           | 303,03            | 168                          | 748,66            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 2,48        | 29                           | 129,23            | 72                           | 320,86            | -           | -     | 332,6 | 441,1 | 526,8 | 583,6 | 689,8 | 795,7 | 866,2 | 936,6 | 1042,1 | 1147,5 |
| 2,50        | 36                           | 160,43            | 90                           | 401,07            | -           | -     | -     | 342,6 | 431,1 | 489,1 | 596,8 | 703,7 | 774,6 | 845,4 | 951,4  | 1056,8 |
| 2,50        | 32                           | 142,60            | 80                           | 356,51            | -           | -     | 287,9 | 398,6 | 485,2 | 542,4 | 649,2 | 755,4 | 826,1 | 896,6 | 1002,3 | 1107,7 |
| 2,55        | 44                           | 196,08            | 112                          | 499,11            | -           | -     | -     | -     | -     | 367,3 | 479,9 | 589,4 | 661,6 | 733,3 | 840,3  | 946,7  |
| 2,57        | 56                           | 249,55            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | -     | 484,8 | 560,3 | 671,1  | 776,5  |
| 2,57        | 28                           | 124,78            | 72                           | 320,86            | -           | -     | 335,6 | 444,1 | 529,9 | 586,8 | 693,1 | 799,0 | 869,5 | 939,9 | 1045,4 | 1150,8 |
| 2,63        | 64                           | 285,21            | 168                          | 748,66            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 2,65        | 34                           | 151,52            | 90                           | 401,07            | -           | -     | -     | 348,4 | 437,1 | 495,2 | 603,0 | 710,0 | 781,0 | 851,8 | 957,9  | 1063,3 |
| 2,67        | 72                           | 320,86            | 192                          | 855,62            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 2,67        | 30                           | 133,69            | 80                           | 356,51            | -           | -     | 293,6 | 404,6 | 491,3 | 548,6 | 655,5 | 761,8 | 832,5 | 903,1 | 1008,8 | 1114,2 |
| 2,70        | 80                           | 356,51            | 216                          | 962,57            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 2,76        | 29                           | 129,23            | 80                           | 356,51            | -           | -     | 296,4 | 407,6 | 494,4 | 551,8 | 658,7 | 765,0 | 835,8 | 906,4 | 1012,1 | 1117,5 |
| 2,77        | 52                           | 231,73            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | -     | 496,0 | 571,8 | 683,0  | 794,2  |
| 2,80        | 60                           | 267,38            | 168                          | 748,66            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 2,80        | 40                           | 178,25            | 112                          | 499,11            | -           | -     | -     | -     | -     | 378,5 | 491,6 | 601,5 | 673,8 | 745,7 | 852,9  | 964,1  |
| 2,81        | 32                           | 142,60            | 90                           | 401,07            | -           | -     | -     | 354,1 | 443,0 | 501,2 | 609,2 | 716,3 | 787,4 | 858,3 | 964,3  | 1070,7 |
| 2,82        | 68                           | 303,03            | 192                          | 855,62            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 2,86        | 28                           | 124,78            | 80                           | 356,51            | -           | -     | 299,3 | 410,5 | 497,4 | 554,9 | 661,8 | 768,2 | 839,0 | 909,6 | 1015,4 | 1121,8 |
| 2,95        | 38                           | 169,34            | 112                          | 499,11            | -           | -     | -     | -     | -     | 384,0 | 497,4 | 607,5 | 679,9 | 751,8 | 859,1  | 970,3  |
| 3,00        | 72                           | 320,86            | 216                          | 962,57            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 3,00        | 64                           | 285,21            | 192                          | 855,62            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 3,00        | 56                           | 249,55            | 168                          | 748,66            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | 559,3  |
| 3,00        | 48                           | 213,90            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | 507,2 | 583,3 | 694,8 | 806,3  | 917,7  |
| 3,00        | 30                           | 133,69            | 90                           | 401,07            | -           | -     | -     | 359,9 | 448,9 | 507,3 | 615,4 | 722,6 | 793,7 | 864,6 | 970,8  | 1081,7 |
| 3,10        | 29                           | 129,23            | 90                           | 401,07            | -           | -     | -     | 362,7 | 451,9 | 510,3 | 618,5 | 725,7 | 796,9 | 867,8 | 974,0  | 1084,9 |
| 3,11        | 36                           | 160,43            | 112                          | 499,11            | -           | -     | -     | -     | -     | 389,6 | 503,2 | 613,5 | 686,0 | 758,0 | 865,4  | 972,8  |
| 3,18        | 68                           | 303,03            | 216                          | 962,57            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 3,20        | 60                           | 267,38            | 192                          | 855,62            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 3,21        | 28                           | 124,78            | 90                           | 401,07            | -           | -     | -     | 365,6 | 454,9 | 513,3 | 621,6 | 728,9 | 800,0 | 871,0 | 977,2  | 1082,6 |
| 3,23        | 52                           | 231,73            | 168                          | 748,66            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 3,27        | 44                           | 196,08            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | 439,2 | 518,3 | 594,8 | 706,6  | 818,0  |
| 3,29        | 34                           | 151,52            | 112                          | 499,11            | -           | -     | -     | -     | -     | 395,1 | 509,0 | 619,5 | 692,1 | 764,1 | 871,6  | 983,0  |
| 3,38        | 64                           | 285,21            | 216                          | 962,57            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 3,43        | 56                           | 249,55            | 192                          | 855,62            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 3,50        | 48                           | 213,90            | 168                          | 748,66            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | 581,4  |
| 3,50        | 32                           | 142,60            | 112                          | 499,11            | -           | -     | -     | -     | 336,6 | 400,6 | 514,8 | 625,4 | 698,1 | 770,3 | 877,8  | 989,2  |
| 3,60        | 60                           | 267,38            | 216                          | 962,57            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 3,60        | 40                           | 178,25            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | 449,9 | 529,4 | 606,1 | 718,3  | 830,5  |
| 3,69        | 52                           | 231,73            | 192                          | 855,62            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 3,73        | 30                           | 133,69            | 112                          | 499,11            | -           | -     | -     | -     | 341,9 | 406,2 | 520,6 | 631,4 | 704,2 | 776,4 | 884,1  | 996,3  |
| 3,79        | 38                           | 169,34            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | 455,2 | 535,0 | 611,8 | 724,1  | 836,3  |
| 3,82        | 44                           | 196,08            | 168                          | 748,66            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | 592,3  |
| 3,86        | 56                           | 249,55            | 216                          | 962,57            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 3,86        | 29                           | 129,23            | 112                          | 499,11            | -           | -     | -     | -     | 344,6 | 408,9 | 523,5 | 634,3 | 707,2 | 779,5 | 887,2  | 999,4  |
| 4,00        | 48                           | 213,90            | 192                          | 855,62            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 4,00        | 36                           | 160,43            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | 460,6 | 540,5 | 617,5 | 730,0  | 842,5  |
| 4,00        | 28                           | 124,78            | 112                          | 499,11            | -           | -     | -     | -     | 347,2 | 411,7 | 526,4 | 637,3 | 710,2 | 782,5 | 890,3  | 1002,7 |
| 4,15        | 52                           | 231,73            | 216                          | 962,57            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 4,20        | 40                           | 178,25            | 168                          | 748,66            | -           | -     | -     | -     | -     | -     | -     | -     | -     | 479,3 | 603,2  | 737,1  |
| 4,24        | 34                           | 151,52            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | 465,9 | 546,0 | 623,1 | 735,8  | 850,7  |
| 4,36        | 44                           | 196,08            | 192                          | 855,62            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 4,42        | 38                           | 169,34            | 168                          | 748,66            | -           | -     | -     | -     | -     | -     | -     | -     | -     | 484,5 | 608,7  | 742,6  |
| 4,50        | 48                           | 213,90            | 216                          | 962,57            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 4,50        | 32                           | 142,60            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | 471,2 | 551,5 | 628,8 | 741,6  | 855,4  |
| 4,67        | 36                           | 160,43            | 168                          | 748,66            | -           | -     | -     | -     | -     | -     | -     | -     | -     | 489,7 | 614,1  | 748,0  |
| 4,80        | 40                           | 178,25            | 192                          | 855,62            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 4,80        | 30                           | 133,69            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | 476,5 | 557,0 | 634,4 | 747,4  | 861,8  |
| 4,91        | 44                           | 196,08            | 216                          | 962,57            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 4,94        | 34                           | 151,52            | 168                          | 748,66            | -           | -     | -     | -     | -     | -     | -     | -     | -     | 494,8 | 619,6  | 754,4  |
| 4,97        | 29                           | 129,23            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | 479,2 | 559,8 | 637,3 | 750,3  | 865,7  |
| 5,05        | 38                           | 169,34            | 192                          | 855,62            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 5,14        | 28                           | 124,78            | 144                          | 641,71            | -           | -     | -     | -     | -     | -     | -     | 481,9 | 562,5 | 640,1 | 753,2  | 868,6  |
| 5,25        | 32                           | 142,60            | -                            | 748,66            | -           | -     | -     | -     | -     | -     | -     | -     | -     | 500,0 | 625,0  | 750,0  |
| 5,33        | 36                           | 160,43            | 192                          | 855,62            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 5,40        | 40                           | 178,25            | 216                          | 962,57            | -           | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |



# Centre distances

## Section 14M

Table 4n

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |      |      |      |      |      |      |      |      |      |       |       |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|------|------|------|------|------|------|------|------|------|-------|-------|
|             |                              |                   |                              |                   | 966         | 1190 | 1400 | 1610 | 1778 | 1890 | 2100 | 2310 | 2450 | 2590 | 2 800 |       |
|             |                              | mm                | mm                           |                   | mm          |      |      |      |      |      |      |      |      |      |       |       |
| 5,60        | 30                           | 133,69            | 168                          | 748,66            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | 505,1 | 630,4 |
| 5,65        | 34                           | 151,52            | 192                          | 855,62            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |
| 5,68        | 38                           | 169,34            | 216                          | 962,57            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |
| 5,79        | 29                           | 129,23            | 168                          | 748,66            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | 507,7 | 633,1 |
| 6,00        | 36                           | 160,43            | 216                          | 962,57            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |
| 6,00        | 32                           | 142,60            | 192                          | 855,62            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |
| 6,00        | 28                           | 124,78            | 168                          | 748,66            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | 510,3 | 635,8 |
| 6,35        | 34                           | 151,52            | 216                          | 962,57            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |
| 6,40        | 30                           | 133,69            | 192                          | 855,62            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |
| 6,62        | 29                           | 129,23            | 192                          | 855,62            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |
| 6,75        | 32                           | 142,60            | 216                          | 962,57            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |
| 6,86        | 28                           | 124,78            | 192                          | 855,62            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |
| 7,20        | 30                           | 133,69            | 216                          | 962,57            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |
| 7,45        | 29                           | 129,23            | 216                          | 962,57            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |
| 7,71        | 28                           | 124,78            | 216                          | 962,57            | -           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |



# Centre distances

## Section 14M

Table 40

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |         |         |         |         |         |         |         |           |         |         |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|---------|---------|---------|---------|---------|---------|---------|-----------|---------|---------|
|             |                              |                   |                              |                   | 3 150       | 3 360   | 3 500   | 3 850   | 4 326   | 4 578   | 4 956   | 5 320   | 5 740     | 6 160   | 6 860   |
|             |                              | mm                | mm                           |                   | mm          |         |         |         |         |         |         |         |           |         |         |
| 1,00        | 80                           | 356,61            | 80                           | 356,61            | 1 015,0     | 1 120,0 | 1 190,0 | 1 365,0 | 1 603,0 | 1 729,0 | 1 918,0 | 2 100,0 | 2 310,0   | 2 520,0 | 2 870,0 |
| 1,00        | 72                           | 320,86            | 72                           | 320,86            | 1 071,0     | 1 176,0 | 1 246,0 | 1 421,0 | 1 659,0 | 1 785,0 | 1 974,0 | 2 156,0 | 2 366,0   | 2 576,0 | 2 926,0 |
| 1,00        | 68                           | 303,03            | 68                           | 303,03            | 1 099,0     | 1 204,0 | 1 274,0 | 1 449,0 | 1 687,0 | 1 813,0 | 2 002,0 | 2 184,0 | 2 394,0   | 2 604,0 | 2 954,0 |
| 1,00        | 64                           | 285,21            | 64                           | 285,21            | 1 127,0     | 1 232,0 | 1 302,0 | 1 477,0 | 1 715,0 | 1 841,0 | 2 030,0 | 2 212,0 | 2 422,0   | 2 632,0 | 2 982,0 |
| 1,00        | 60                           | 267,38            | 60                           | 267,38            | 1 155,0     | 1 260,0 | 1 330,0 | 1 505,0 | 1 743,0 | 1 869,0 | 2 058,0 | 2 240,0 | 2 450,0   | 2 660,0 | 3 010,0 |
| 1,00        | 56                           | 249,55            | 56                           | 249,55            | 1 183,0     | 1 288,0 | 1 358,0 | 1 533,0 | 1 771,0 | 1 897,0 | 2 086,0 | 2 268,0 | 2 478,0   | 2 688,0 | 3 038,0 |
| 1,00        | 52                           | 231,73            | 52                           | 231,73            | 1 211,0     | 1 316,0 | 1 386,0 | 1 561,0 | 1 799,0 | 1 925,0 | 2 114,0 | 2 296,0 | 2 506,0   | 2 716,0 | 3 066,0 |
| 1,00        | 48                           | 213,90            | 48                           | 213,90            | 1 239,0     | 1 344,0 | 1 414,0 | 1 589,0 | 1 827,0 | 1 953,0 | 2 142,0 | 2 324,0 | 2 534,0   | 2 744,0 | 3 094,0 |
| 1,00        | 44                           | 196,08            | 44                           | 196,08            | 1 267,0     | 1 372,0 | 1 442,0 | 1 617,0 | 1 855,0 | 1 981,0 | 2 170,0 | 2 352,0 | 2 562,0   | 2 772,0 | 3 122,0 |
| 1,00        | 40                           | 178,25            | 40                           | 178,25            | 1 295,0     | 1 400,0 | 1 470,0 | 1 645,0 | 1 883,0 | 2 009,0 | 2 198,0 | 2 380,0 | 2 590,0   | 2 800,0 | 3 150,0 |
| 1,00        | 38                           | 169,34            | 38                           | 169,34            | 1 309,0     | 1 414,0 | 1 484,0 | 1 659,0 | 1 897,0 | 2 023,0 | 2 212,0 | 2 394,0 | 2 604,0   | 2 814,0 | 3 164,0 |
| 1,00        | 36                           | 160,43            | 36                           | 160,43            | 1 323,0     | 1 428,0 | 1 498,0 | 1 673,0 | 1 911,0 | 2 037,0 | 2 226,0 | 2 408,0 | 2 618,0   | 2 828,0 | 3 178,0 |
| 1,00        | 34                           | 151,52            | 34                           | 151,52            | 1 337,0     | 1 442,0 | 1 512,0 | 1 687,0 | 1 925,0 | 2 051,0 | 2 240,0 | 2 422,0 | 2 632,0   | 2 842,0 | 3 192,0 |
| 1,00        | 32                           | 142,60            | 32                           | 142,60            | 1 351,0     | 1 456,0 | 1 526,0 | 1 701,0 | 1 939,0 | 2 065,0 | 2 254,0 | 2 436,0 | 2 646,0   | 2 856,0 | 3 206,0 |
| 1,00        | 30                           | 133,69            | 30                           | 133,69            | 1 365,0     | 1 470,0 | 1 540,0 | 1 715,0 | 1 953,0 | 2 079,0 | 2 268,0 | 2 450,0 | 2 660,0   | 2 870,0 | 3 220,0 |
| 1,00        | 29                           | 129,23            | 29                           | 129,23            | 1 372,0     | 1 477,0 | 1 547,0 | 1 722,0 | 1 960,0 | 2 086,0 | 2 275,0 | 2 457,0 | 2 667,0   | 2 877,0 | 3 227,0 |
| 1,00        | 28                           | 124,78            | 28                           | 124,78            | 1 379,0     | 1 484,0 | 1 554,0 | 1 729,0 | 1 967,0 | 2 093,0 | 2 282,0 | 2 464,0 | 2 674,0   | 2 884,0 | 3 234,0 |
| 1,03        | 29                           | 129,23            | 30                           | 133,69            | 1 368,5     | 1 473,5 | 1 543,5 | 1 718,5 | 1 956,5 | 2 082,5 | 2 271,5 | 2 453,5 | 2 663,5   | 2 873,5 | 3 223,5 |
| 1,04        | 28                           | 124,78            | 29                           | 129,23            | 1 375,5     | 1 480,5 | 1 550,5 | 1 725,5 | 1 963,5 | 2 089,5 | 2 278,5 | 2 460,5 | 2 670,5   | 2 880,5 | 3 230,5 |
| 1,05        | 38                           | 169,34            | 40                           | 178,25            | 1 302,0     | 1 407,0 | 1 477,0 | 1 652,0 | 1 890,0 | 2 016,1 | 2 205,0 | 2 387,0 | 2 597,0   | 2 807,0 | 3 157,0 |
| 1,06        | 68                           | 303,03            | 72                           | 320,86            | 1 085,0     | 1 190,0 | 1 260,0 | 1 435,0 | 1 673,0 | 1 799,0 | 1 988,0 | 2 170,0 | 2 380,0   | 2 590,0 | 2 940,0 |
| 1,06        | 64                           | 285,21            | 68                           | 303,03            | 1 113,0     | 1 218,0 | 1 288,0 | 1 463,0 | 1 701,0 | 1 827,0 | 2 016,0 | 2 198,0 | 2 408,0   | 2 618,0 | 2 968,0 |
| 1,06        | 36                           | 160,43            | 38                           | 169,34            | 1 316,0     | 1 421,0 | 1 491,0 | 1 666,0 | 1 904,0 | 2 030,0 | 2 219,1 | 2 401,0 | 2 611,0   | 2 821,0 | 3 171,0 |
| 1,06        | 34                           | 151,52            | 36                           | 160,43            | 1 330,0     | 1 435,0 | 1 505,0 | 1 680,1 | 1 918,0 | 2 044,0 | 2 233,0 | 2 415,0 | 2 625,0   | 2 835,0 | 3 185,0 |
| 1,06        | 32                           | 142,60            | 34                           | 151,52            | 1 344,0     | 1 449,0 | 1 519,0 | 1 694,0 | 1 932,0 | 2 058,1 | 2 247,0 | 2 429,0 | 2 639,0   | 2 849,0 | 3 199,0 |
| 1,07        | 60                           | 267,38            | 64                           | 285,21            | 1 141,0     | 1 246,0 | 1 316,0 | 1 491,0 | 1 729,0 | 1 855,0 | 2 044,0 | 2 226,0 | 2 436,0   | 2 646,1 | 2 996,1 |
| 1,07        | 56                           | 249,55            | 60                           | 267,38            | 1 169,0     | 1 274,0 | 1 344,0 | 1 519,0 | 1 757,0 | 1 883,0 | 2 072,0 | 2 254,0 | 2 464,0   | 2 674,0 | 3 024,0 |
| 1,07        | 30                           | 133,69            | 32                           | 142,60            | 1 358,0     | 1 463,0 | 1 533,0 | 1 708,0 | 1 946,0 | 2 072,0 | 2 261,0 | 2 443,0 | 2 653,0   | 2 863,0 | 3 213,0 |
| 1,07        | 28                           | 124,78            | 30                           | 133,69            | 1 372,0     | 1 477,0 | 1 547,0 | 1 722,1 | 1 960,0 | 2 086,0 | 2 275,0 | 2 457,0 | 2 667,0   | 2 877,0 | 3 227,0 |
| 1,08        | 52                           | 231,73            | 56                           | 249,55            | 1 197,0     | 1 302,0 | 1 372,0 | 1 547,0 | 1 785,0 | 1 911,0 | 2 100,0 | 2 282,0 | 2 492,0   | 2 702,0 | 3 052,1 |
| 1,08        | 48                           | 213,90            | 52                           | 231,73            | 1 225,0     | 1 330,0 | 1 400,0 | 1 575,0 | 1 813,0 | 1 939,0 | 2 128,0 | 2 310,0 | 2 520,0   | 2 730,0 | 3 080,0 |
| 1,09        | 44                           | 196,08            | 48                           | 213,90            | 1 253,0     | 1 358,0 | 1 428,0 | 1 603,0 | 1 841,0 | 1 967,0 | 2 156,0 | 2 338,0 | 2 548,0   | 2 758,1 | 3 108,1 |
| 1,10        | 40                           | 178,25            | 44                           | 196,08            | 1 281,0     | 1 386,0 | 1 456,0 | 1 631,0 | 1 869,0 | 1 995,0 | 2 184,0 | 2 366,0 | 2 576,0   | 2 786,0 | 3 136,1 |
| 1,10        | 29                           | 129,23            | 32                           | 142,60            | 1 361,5     | 1 466,5 | 1 536,5 | 1 711,5 | 1 949,5 | 2 075,6 | 2 264,6 | 2 446,6 | 2 656,6   | 2 866,6 | 3 216,6 |
| 1,11        | 72                           | 320,86            | 80                           | 356,51            | 1 042,9     | 1 147,9 | 1 217,9 | 1 392,9 | 1 630,9 | 1 756,9 | 1 945,9 | 2 127,9 | 2 338,0   | 2 548,0 | 2 898,0 |
| 1,11        | 36                           | 160,43            | 40                           | 178,25            | 1 309,0     | 1 414,0 | 1 484,0 | 1 659,0 | 1 897,0 | 2 023,0 | 2 212,0 | 2 394,0 | 2 604,0   | 2 814,1 | 3 164,0 |
| 1,12        | 34                           | 151,52            | 38                           | 169,34            | 1 323,0     | 1 428,0 | 1 498,0 | 1 673,0 | 1 911,0 | 2 037,0 | 2 226,0 | 2 408,0 | 2 618,0   | 2 828,0 | 3 178,0 |
| 1,13        | 80                           | 356,51            | 90                           | 401,07            | 979,7       | 1 084,8 | 1 154,8 | 1 329,8 | 1 567,9 | 1 693,9 | 1 882,9 | 2 069,9 | 2 274,9   | 2 484,9 | 2 834,9 |
| 1,13        | 64                           | 285,21            | 72                           | 320,86            | 1 098,9     | 1 203,9 | 1 273,9 | 1 448,9 | 1 686,9 | 1 812,9 | 2 001,9 | 2 183,9 | 2 393,9   | 2 604,0 | 2 954,0 |
| 1,13        | 60                           | 267,38            | 68                           | 303,03            | 1 126,9     | 1 231,9 | 1 301,9 | 1 476,9 | 1 714,9 | 1 840,9 | 2 029,9 | 2 211,9 | 2 421,9   | 2 632,0 | 2 982,0 |
| 1,13        | 32                           | 142,60            | 36                           | 160,43            | 1 337,0     | 1 442,0 | 1 512,0 | 1 687,0 | 1 925,0 | 2 051,0 | 2 240,0 | 2 422,0 | 2 632,0   | 2 842,1 | 3 192,0 |
| 1,13        | 30                           | 133,69            | 34                           | 151,52            | 1 351,0     | 1 456,0 | 1 526,0 | 1 701,0 | 1 939,0 | 2 065,0 | 2 254,0 | 2 436,0 | 2 646,1   | 2 856,0 | 3 206,0 |
| 1,14        | 56                           | 249,55            | 64                           | 285,21            | 1 154,9     | 1 259,9 | 1 329,9 | 1 504,9 | 1 742,9 | 1 868,9 | 2 057,9 | 2 240,0 | 2 449,9   | 2 660,0 | 3 010,0 |
| 1,14        | 28                           | 124,78            | 32                           | 142,60            | 1 365,0     | 1 470,0 | 1 540,0 | 1 715,0 | 1 953,0 | 2 079,0 | 2 268,0 | 2 450,0 | 2 660,0   | 2 870,1 | 3 220,0 |
| 1,15        | 52                           | 231,73            | 60                           | 267,38            | 1 182,9     | 1 287,9 | 1 357,9 | 1 532,9 | 1 770,9 | 1 896,9 | 2 085,9 | 2 267,9 | 2 478,0   | 2 688,0 | 3 038,0 |
| 1,16        | 38                           | 169,34            | 44                           | 196,08            | 1 287,9     | 1 392,9 | 1 463,0 | 1 638,0 | 1 876,0 | 2 002,0 | 2 191,0 | 2 373,0 | 2 583,0   | 2 793,0 | 3 143,0 |
| 1,17        | 48                           | 213,90            | 56                           | 249,55            | 1 210,9     | 1 315,9 | 1 385,9 | 1 560,9 | 1 798,9 | 1 924,9 | 2 113,9 | 2 296,0 | 2 505,9   | 2 716,0 | 3 066,0 |
| 1,17        | 29                           | 129,23            | 34                           | 151,52            | 1 354,5     | 1 459,5 | 1 529,5 | 1 704,5 | 1 942,5 | 2 068,5 | 2 257,5 | 2 439,5 | 2 649,5   | 2 859,5 | 3 209,5 |
| 1,18        | 68                           | 303,03            | 80                           | 356,51            | 1 056,7     | 1 161,7 | 1 231,7 | 1 406,7 | 1 644,8 | 1 770,8 | 1 959,8 | 2 141,8 | 2 351,9   | 2 561,9 | 2 911,9 |
| 1,18        | 44                           | 196,08            | 52                           | 231,73            | 1 238,9     | 1 343,9 | 1 413,9 | 1 588,9 | 1 826,9 | 1 952,9 | 2 141,9 | 2 323,9 | 2 533,9   | 2 743,9 | 3 094,0 |
| 1,18        | 34                           | 151,52            | 40                           | 178,25            | 1 315,9     | 1 420,9 | 1 490,9 | 1 666,0 | 1 904,0 | 2 030,0 | 2 219,0 | 2 401,0 | 2 611,0   | 2 821,0 | 3 171,0 |
| 1,19        | 32                           | 142,60            | 38                           | 169,34            | 1 329,9     | 1 434,9 | 1 504,9 | 1 680,0 | 1 918,0 | 2 044,0 | 2 233,0 | 2 415,0 | 2 625,0   | 2 835,0 | 3 185,0 |
| 1,20        | 60                           | 267,38            | 72                           | 320,86            | 1 112,7     | 1 217,7 | 1 287,7 | 1 462,8 | 1 700,8 | 1 826,8 | 2 015,8 | 2 197,8 | 2 407,9   | 2 617,9 | 2 967,9 |
| 1,20        | 40                           | 178,25            | 48                           | 213,90            | 1 266,9     | 1 371,9 | 1 441,9 | 1 616,9 | 1 854,9 | 1 980,9 | 2 169,9 | 2 352,0 | 2 561,9   | 2 772,0 | 3 122,0 |
| 1,20        | 30                           | 133,69            | 36                           | 160,43            | 1 343,9     | 1 449,0 | 1 518,9 | 1 693,9 | 1 932,0 | 2 058,0 | 2 247,0 | 2 429,0 | 2 639,0   | 2 849,0 | 3 199,0 |
| 1,21        | 56                           | 249,55            | 68                           | 303,03            | 1 140,7     | 1 245,7 | 1 315,7 | 1 490,8 | 1 728,8 | 1 854,8 | 2 043,8 | 2 225,8 | 2 435,9   | 2 645,9 | 2 995,9 |
| 1,21        | 28                           | 124,78            | 34                           | 151,52            | 1 357,9     | 1 463,0 | 1 533,0 | 1 708,0 | 1 946,0 | 2 072,0 | 2 261,0 | 2 443,0 | 2 653,0   | 2 863,0 | 3 213,0 |
| 1,22        | 36                           | 160,43            | 44                           | 196,08            | 1 294,9     | 1 399,9 | 1 469,9 | 1 644,9 | 1 882,9 | 2 008,9 | 2 197,9 | 2 379,9 | 2 590,0   | 2 800,0 | 3 150,0 |
| 1,23        | 52                           | 231,73            | 64                           | 285,21            | 1 168,7     | 1 273,7 | 1 343,7 | 1 518,8 | 1 756,8 | 1 882,8 | 2 071,8 | 2 253,9 | 2 463,9   | 2 673,9 | 3 023,9 |
| 1,24        | 29                           | 129,23            | 36                           | 160,43            | 1 347,4     | 1 452,4 | 1 522,4 | 1 697,4 | 1 935,4 | 2 061,4 | 2 250,5 | 2 432,5 | 2 642,5   | 2 852,5 | 3 202,5 |
| 1,25        | 72                           | 320,86            | 90                           | 401,07            | 1 007,2     | 1 112,3 | 1 182,3 | 1 357,4 | 1 595,5 | 1 721,5 | 1 910,6 | 2 092,6 | 2 302,7   | 2 512,7 | 2 862,7 |
| 1,25        | 64                           | 285,21            | 80                           | 356,51            | 1 070,4     | 1 175,5 | 1 245,5 | 1 420,6 | 1 658,6 | 1 784,7 | 1 973,7 | 2 155,7 | 2 365,7   | 2 575,8 | 2 925,8 |
| 1,25        | 48                           | 213,90            | 60                           | 267,38            | 1 196,7     | 1 301,7 | 1 371,7 | 1 546,8 | 1 784,8 | 1 910,8 | 2 099,8 | 2 281,8 | 2 491,9   | 2 701,9 | 3 051,9 |
| 1,25        | 32                           | 142,60            | 40                           | 178,25            | 1 322,9     | 1 427,9 | 1 497,9 | 1 672,9 | 1 910,9 | 2 036,9 | 2 225,9 | 2 407,9 | 2 618,0   | 2 828,0 | 3 178,0 |
| 1,26        | 38                           | 169,34            | 48                           | 213,90            | 1 273,8     | 1 378,8 | 1 448,8 | 1 623,9 | 1 861,9 | 1 987,9 | 2 176,9 | 2 358,9 | 2 568,9   | 2 778,9 | 3 129,0 |
| 1,27        | 44                           | 196,08            | 56                           | 249,55            | 1 224,7     | 1 329,7 | 1 399,7 | 1 574,8 | 1 812,8 | 1 938,8 | 2 127,8 | 2 309,9 | 2 519,9</ |         |         |

# Centre distances

## Section 14M

Table 4p

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |         |         |         |         |         |         |         |         |         |         |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|             |                              |                   |                              |                   | 3 150       | 3 360   | 3 500   | 3 850   | 4 326   | 4 578   | 4 956   | 5 320   | 5 740   | 6 160   | 6 860   |
|             |                              |                   |                              |                   | mm          |         |         |         |         |         |         |         |         |         |         |
| 1,37        | 38                           | 169,34            | 52                           | 231,73            | 1 259,6     | 1 364,6 | 1 434,7 | 1 609,7 | 1 847,7 | 1 973,8 | 2 162,8 | 2 344,8 | 2 554,8 | 2 764,8 | 3 114,8 |
| 1,38        | 52                           | 231,73            | 72                           | 320,86            | 1 140,1     | 1 245,2 | 1 315,2 | 1 490,3 | 1 728,4 | 1 854,5 | 2 043,5 | 2 225,6 | 2 435,6 | 2 645,6 | 2 995,7 |
| 1,38        | 32                           | 142,60            | 44                           | 196,08            | 1 308,7     | 1 413,7 | 1 483,8 | 1 658,8 | 1 896,8 | 2 022,8 | 2 211,9 | 2 393,9 | 2 603,9 | 2 813,9 | 3 163,9 |
| 1,38        | 29                           | 129,23            | 40                           | 178,25            | 1 333,3     | 1 438,3 | 1 508,3 | 1 683,3 | 1 921,4 | 2 047,4 | 2 236,4 | 2 418,4 | 2 628,4 | 2 838,4 | 3 188,4 |
| 1,40        | 80                           | 356,51            | 112                          | 499,11            | 900,2       | 1 005,5 | 1 075,6 | 1 251,0 | 1 489,3 | 1 615,4 | 1 804,6 | 1 986,7 | 2 196,8 | 2 406,9 | 2 757,1 |
| 1,40        | 40                           | 178,25            | 56                           | 249,55            | 1 238,5     | 1 343,5 | 1 413,6 | 1 588,6 | 1 826,7 | 1 952,7 | 2 141,7 | 2 323,7 | 2 533,7 | 2 743,8 | 3 093,8 |
| 1,41        | 64                           | 285,21            | 90                           | 401,07            | 1 034,4     | 1 139,5 | 1 209,6 | 1 384,8 | 1 623,0 | 1 749,0 | 1 938,1 | 2 120,2 | 2 330,3 | 2 540,3 | 2 890,4 |
| 1,41        | 34                           | 151,52            | 48                           | 213,90            | 1 287,6     | 1 392,7 | 1 462,7 | 1 637,7 | 1 875,8 | 2 001,8 | 2 190,8 | 2 372,8 | 2 582,8 | 2 792,9 | 3 142,9 |
| 1,42        | 48                           | 213,90            | 68                           | 303,03            | 1 168,2     | 1 273,2 | 1 343,3 | 1 518,3 | 1 756,4 | 1 882,5 | 2 071,5 | 2 253,6 | 2 463,6 | 2 673,6 | 3 023,7 |
| 1,43        | 56                           | 249,55            | 80                           | 356,51            | 1 097,7     | 1 202,8 | 1 272,9 | 1 448,0 | 1 686,2 | 1 812,2 | 2 001,3 | 2 183,4 | 2 393,4 | 2 603,5 | 2 953,5 |
| 1,43        | 28                           | 124,78            | 40                           | 178,25            | 1 336,7     | 1 441,8 | 1 511,8 | 1 686,8 | 1 924,8 | 2 050,8 | 2 239,9 | 2 421,9 | 2 631,9 | 2 841,9 | 3 191,9 |
| 1,44        | 36                           | 160,43            | 52                           | 231,73            | 1 266,5     | 1 371,5 | 1 441,6 | 1 616,6 | 1 854,7 | 1 980,7 | 2 169,7 | 2 351,7 | 2 561,8 | 2 771,8 | 3 121,8 |
| 1,45        | 44                           | 196,08            | 64                           | 285,21            | 1 196,2     | 1 301,2 | 1 371,3 | 1 546,4 | 1 784,4 | 1 910,5 | 2 099,5 | 2 281,6 | 2 491,6 | 2 701,6 | 3 051,7 |
| 1,47        | 38                           | 169,34            | 56                           | 249,55            | 1 245,4     | 1 350,4 | 1 420,4 | 1 595,5 | 1 833,6 | 1 959,6 | 2 148,6 | 2 330,7 | 2 540,7 | 2 750,7 | 3 100,7 |
| 1,47        | 30                           | 133,69            | 44                           | 196,08            | 1 315,6     | 1 420,7 | 1 490,7 | 1 665,7 | 1 903,7 | 2 029,8 | 2 218,8 | 2 400,8 | 2 610,8 | 2 820,8 | 3 170,9 |
| 1,50        | 60                           | 267,38            | 90                           | 401,07            | 1 047,9     | 1 153,1 | 1 223,2 | 1 398,4 | 1 636,6 | 1 762,7 | 1 951,9 | 2 134,0 | 2 344,0 | 2 554,1 | 2 904,2 |
| 1,50        | 48                           | 213,90            | 72                           | 320,86            | 1 153,8     | 1 258,9 | 1 328,9 | 1 504,1 | 1 742,2 | 1 868,2 | 2 057,3 | 2 239,4 | 2 449,4 | 2 659,5 | 3 009,5 |
| 1,50        | 40                           | 178,25            | 60                           | 267,38            | 1 224,2     | 1 329,3 | 1 399,3 | 1 574,4 | 1 812,5 | 1 938,5 | 2 127,5 | 2 309,6 | 2 519,6 | 2 729,7 | 3 079,7 |
| 1,50        | 32                           | 142,60            | 48                           | 213,90            | 1 294,5     | 1 399,5 | 1 469,6 | 1 644,6 | 1 882,7 | 2 008,7 | 2 197,7 | 2 379,7 | 2 589,8 | 2 799,8 | 3 149,8 |
| 1,52        | 29                           | 129,23            | 44                           | 196,08            | 1 319,1     | 1 424,1 | 1 494,1 | 1 669,2 | 1 907,2 | 2 033,2 | 2 222,3 | 2 404,3 | 2 614,3 | 2 824,3 | 3 174,3 |
| 1,53        | 34                           | 151,52            | 52                           | 231,73            | 1 273,4     | 1 378,4 | 1 448,4 | 1 623,5 | 1 861,6 | 1 987,6 | 2 176,6 | 2 358,7 | 2 568,7 | 2 778,7 | 3 128,8 |
| 1,54        | 52                           | 231,73            | 80                           | 356,51            | 1 111,2     | 1 216,4 | 1 286,5 | 1 461,7 | 1 699,9 | 1 825,9 | 2 015,0 | 2 197,1 | 2 407,2 | 2 617,3 | 2 967,4 |
| 1,55        | 44                           | 196,08            | 68                           | 303,03            | 1 181,8     | 1 286,9 | 1 356,9 | 1 532,1 | 1 770,2 | 1 896,2 | 2 085,3 | 2 267,4 | 2 477,4 | 2 687,5 | 3 037,5 |
| 1,56        | 72                           | 320,86            | 112                          | 499,11            | 926,7       | 1 032,1 | 1 102,4 | 1 277,9 | 1 516,4 | 1 642,6 | 1 831,8 | 2 014,0 | 2 224,2 | 2 434,4 | 2 784,6 |
| 1,56        | 36                           | 160,43            | 56                           | 249,55            | 1 252,2     | 1 357,3 | 1 427,3 | 1 602,4 | 1 840,5 | 1 966,5 | 2 155,5 | 2 337,6 | 2 547,6 | 2 757,7 | 3 107,7 |
| 1,57        | 28                           | 124,78            | 44                           | 196,08            | 1 322,5     | 1 427,6 | 1 497,6 | 1 672,6 | 1 910,7 | 2 036,7 | 2 225,7 | 2 407,7 | 2 617,8 | 2 827,8 | 3 177,8 |
| 1,58        | 38                           | 169,34            | 60                           | 267,38            | 1 231,0     | 1 336,1 | 1 406,1 | 1 581,2 | 1 819,3 | 1 945,4 | 2 134,4 | 2 316,5 | 2 526,5 | 2 736,6 | 3 086,6 |
| 1,60        | 40                           | 178,25            | 64                           | 285,21            | 1 209,8     | 1 314,9 | 1 385,0 | 1 560,1 | 1 798,2 | 1 924,3 | 2 113,3 | 2 295,4 | 2 505,4 | 2 715,5 | 3 065,5 |
| 1,60        | 30                           | 133,69            | 48                           | 213,90            | 1 301,4     | 1 406,4 | 1 476,5 | 1 651,5 | 1 889,6 | 2 015,6 | 2 204,6 | 2 386,7 | 2 596,7 | 2 806,7 | 3 156,8 |
| 1,61        | 56                           | 249,55            | 90                           | 401,07            | 1 061,3     | 1 166,5 | 1 236,7 | 1 412,0 | 1 650,3 | 1 776,4 | 1 965,5 | 2 147,7 | 2 357,8 | 2 567,9 | 2 918,0 |
| 1,63        | 32                           | 142,60            | 52                           | 231,73            | 1 280,2     | 1 385,3 | 1 455,3 | 1 630,4 | 1 868,5 | 1 994,5 | 2 183,6 | 2 365,6 | 2 575,6 | 2 785,6 | 3 135,7 |
| 1,64        | 44                           | 196,08            | 72                           | 320,86            | 1 167,3     | 1 272,5 | 1 342,6 | 1 517,7 | 1 755,9 | 1 882,0 | 2 071,1 | 2 253,1 | 2 463,2 | 2 673,3 | 3 023,4 |
| 1,65        | 68                           | 303,03            | 112                          | 499,11            | 939,9       | 1 045,4 | 1 115,7 | 1 291,3 | 1 529,9 | 1 656,1 | 1 845,4 | 2 027,6 | 2 237,9 | 2 448,0 | 2 798,3 |
| 1,65        | 34                           | 151,52            | 56                           | 249,55            | 1 259,0     | 1 364,1 | 1 434,2 | 1 609,3 | 1 847,4 | 1 973,4 | 2 162,4 | 2 344,5 | 2 554,5 | 2 764,6 | 3 114,6 |
| 1,66        | 29                           | 129,23            | 48                           | 213,90            | 1 304,8     | 1 409,9 | 1 479,9 | 1 655,0 | 1 893,0 | 2 019,1 | 2 208,1 | 2 390,1 | 2 600,2 | 2 810,2 | 3 160,2 |
| 1,67        | 48                           | 213,90            | 80                           | 356,51            | 1 124,7     | 1 229,9 | 1 300,0 | 1 475,3 | 1 713,5 | 1 839,6 | 2 028,8 | 2 210,9 | 2 421,0 | 2 631,0 | 2 981,2 |
| 1,67        | 36                           | 160,43            | 60                           | 267,38            | 1 237,8     | 1 342,9 | 1 413,0 | 1 588,1 | 1 826,2 | 1 952,3 | 2 141,3 | 2 323,4 | 2 533,4 | 2 743,5 | 3 093,5 |
| 1,68        | 38                           | 169,34            | 64                           | 285,21            | 1 216,6     | 1 321,7 | 1 391,8 | 1 566,9 | 1 805,1 | 1 931,1 | 2 120,2 | 2 302,3 | 2 512,3 | 2 722,4 | 3 072,5 |
| 1,70        | 40                           | 178,25            | 68                           | 303,03            | 1 195,4     | 1 300,5 | 1 370,6 | 1 545,7 | 1 783,9 | 1 910,0 | 2 099,1 | 2 281,1 | 2 491,2 | 2 701,3 | 3 051,4 |
| 1,71        | 28                           | 124,78            | 48                           | 213,90            | 1 308,2     | 1 413,3 | 1 483,3 | 1 658,4 | 1 896,5 | 2 022,5 | 2 211,6 | 2 393,6 | 2 603,6 | 2 813,7 | 3 163,7 |
| 1,73        | 52                           | 231,73            | 90                           | 401,07            | 1 074,7     | 1 180,0 | 1 250,1 | 1 425,5 | 1 663,8 | 1 790,0 | 1 979,2 | 2 161,3 | 2 371,5 | 2 581,6 | 2 931,8 |
| 1,73        | 30                           | 133,69            | 52                           | 231,73            | 1 287,1     | 1 392,1 | 1 462,2 | 1 637,3 | 1 875,4 | 2 001,4 | 2 190,5 | 2 372,5 | 2 582,5 | 2 792,6 | 3 142,6 |
| 1,75        | 64                           | 285,21            | 112                          | 499,11            | 953,0       | 1 058,6 | 1 128,9 | 1 304,6 | 1 543,3 | 1 669,6 | 1 858,9 | 2 041,2 | 2 251,5 | 2 461,7 | 2 812,0 |
| 1,75        | 32                           | 142,60            | 56                           | 249,55            | 1 265,9     | 1 371,0 | 1 441,0 | 1 616,1 | 1 854,2 | 1 980,3 | 2 169,3 | 2 351,4 | 2 561,4 | 2 771,5 | 3 121,5 |
| 1,76        | 34                           | 151,52            | 60                           | 267,38            | 1 244,7     | 1 349,8 | 1 419,8 | 1 594,9 | 1 833,1 | 1 959,1 | 2 148,2 | 2 330,3 | 2 540,4 | 2 750,4 | 3 100,5 |
| 1,78        | 36                           | 160,43            | 64                           | 285,21            | 1 223,4     | 1 328,5 | 1 398,6 | 1 573,8 | 1 811,0 | 1 938,0 | 2 127,1 | 2 309,2 | 2 519,2 | 2 729,3 | 3 079,4 |
| 1,79        | 38                           | 169,34            | 68                           | 303,03            | 1 202,1     | 1 307,3 | 1 377,4 | 1 552,6 | 1 790,8 | 1 916,8 | 2 105,9 | 2 288,0 | 2 498,1 | 2 708,2 | 3 058,3 |
| 1,79        | 29                           | 129,23            | 52                           | 231,73            | 1 290,5     | 1 395,6 | 1 465,6 | 1 640,7 | 1 878,8 | 2 004,8 | 2 193,9 | 2 376,0 | 2 586,0 | 2 796,0 | 3 146,1 |
| 1,80        | 80                           | 356,51            | 144                          | 641,71            | 777,9       | 884,5   | 955,3   | 1 132,0 | 1 371,6 | 1 498,2 | 1 688,0 | 1 870,6 | 2 081,1 | 2 291,6 | 2 642,2 |
| 1,80        | 40                           | 178,25            | 72                           | 320,86            | 1 180,8     | 1 286,0 | 1 356,1 | 1 531,3 | 1 769,6 | 1 895,7 | 2 084,8 | 2 266,9 | 2 477,0 | 2 687,1 | 3 037,2 |
| 1,82        | 44                           | 196,08            | 80                           | 356,51            | 1 138,2     | 1 243,4 | 1 313,6 | 1 488,8 | 1 727,1 | 1 853,3 | 2 042,4 | 2 224,6 | 2 434,7 | 2 644,8 | 2 994,9 |
| 1,86        | 28                           | 124,78            | 52                           | 231,73            | 1 293,9     | 1 399,0 | 1 469,0 | 1 644,1 | 1 882,2 | 2 008,3 | 2 197,4 | 2 379,5 | 2 589,5 | 2 799,5 | 3 149,6 |
| 1,87        | 60                           | 267,38            | 112                          | 499,11            | 966,0       | 1 071,7 | 1 142,1 | 1 317,9 | 1 556,7 | 1 683,0 | 1 872,4 | 2 054,7 | 2 265,0 | 2 475,3 | 2 825,6 |
| 1,87        | 30                           | 133,69            | 56                           | 249,55            | 1 272,7     | 1 377,8 | 1 447,8 | 1 623,0 | 1 861,1 | 1 987,2 | 2 176,2 | 2 358,3 | 2 568,3 | 2 778,4 | 3 128,5 |
| 1,88        | 48                           | 213,90            | 90                           | 401,07            | 1 088,0     | 1 193,3 | 1 263,5 | 1 439,0 | 1 677,4 | 1 803,6 | 1 992,8 | 2 175,0 | 2 385,2 | 2 595,3 | 2 945,5 |
| 1,88        | 34                           | 151,52            | 64                           | 285,21            | 1 230,2     | 1 335,3 | 1 405,4 | 1 580,6 | 1 818,8 | 1 944,9 | 2 134,0 | 2 316,0 | 2 526,1 | 2 736,2 | 3 086,3 |
| 1,88        | 32                           | 142,60            | 60                           | 267,38            | 1 251,4     | 1 356,6 | 1 426,6 | 1 601,8 | 1 839,9 | 1 966,0 | 2 155,1 | 2 337,2 | 2 547,2 | 2 757,3 | 3 107,4 |
| 1,89        | 38                           | 169,34            | 72                           | 320,86            | 1 187,6     | 1 292,8 | 1 362,9 | 1 538,1 | 1 776,4 | 1 902,5 | 2 091,6 | 2 273,7 | 2 483,8 | 2 693,9 | 3 044,1 |
| 1,89        | 36                           | 160,43            | 68                           | 303,03            | 1 208,9     | 1 314,1 | 1 384,2 | 1 559,4 | 1 797,6 | 1 923,7 | 2 112,8 | 2 294,9 | 2 505,0 | 2 715,1 | 3 065,2 |
| 1,93        | 29                           | 129,23            | 56                           | 249,55            | 1 276,1     | 1 381,2 | 1 451,3 | 1 626,4 | 1 864,5 | 1 990,6 | 2 179,7 | 2 361,7 | 2 571,8 | 2 781,9 | 3 131,9 |
| 2,00        | 72                           | 320,86            | 144                          | 641,71            | 802,9       | 909,8   | 980,9   | 1 157,9 | 1 397,8 | 1 524,6 | 1 714,5 | 1 897,2 | 2 107,9 | 2 318,4 | 2 669,2 |
| 2,00        | 56                           | 249,55            | 112                          | 499,11            | 979,0       | 1 084,8 | 1 155,3 | 1 331,1 | 1 570,0 | 1 696,4 | 1 885,9 | 2 068,2 | 2 278,6 | 2 488,9 | 2 839,3 |
| 2,00        | 40                           | 178,25            | 80                           | 356,51            | 1 151,6     | 1 256,8 | 1 327,0 | 1 502,4 | 1 740,7 | 1 866,9 | 2 056,1 | 2 238,2 | 2 448,4 | 2 658,5 | 3 008,7 |
| 2,00        | 36                           | 160,43            | 72                           | 320,86            | 1 194,3     | 1 299,5 | 1 369,7 | 1 544,9 | 1 783,2 | 1 909,3 | 2 098,5 | 2 280,6 | 2 490,7 | 2 700,8 | 3 051,0 |
| 2,00        | 34                           | 151,52            | 68                           | 303,03            | 1 215,6     | 1 320,8 | 1 390,9 | 1 566,2 | 1 804,4 | 1 930,5 | 2 119,7 | 2 301,8 | 2 511,9 | 2 721,9 | 3 072,1 |
| 2,00        | 32                           | 142,60            | 64                           | 285,21            | 1 236,9     | 1 342,1 | 1 412,2 | 1 587,4 | 1 825,6 | 1 951,7 | 2 140,8 | 2 322,9 | 2 533,0 | 2 743,1 | 3 093,2 |

# Centre distances

## Section 14M

Table 4q

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |         |         |         |         |         |         |         |         |         |         |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|             |                              |                   |                              |                   | 3 150       | 3 360   | 3 500   | 3 850   | 4 326   | 4 578   | 4 956   | 5 320   | 5 740   | 6 160   | 6 860   |
|             |                              | mm                | mm                           |                   | mm          |         |         |         |         |         |         |         |         |         |         |
| 2,25        | 64                           | 285,21            | 144                          | 641,71            | 827,7       | 935,0   | 1 006,2 | 1 183,6 | 1 423,8 | 1 550,7 | 1 740,9 | 1 923,7 | 2 134,6 | 2 345,2 | 2 696,1 |
| 2,25        | 40                           | 178,25            | 90                           | 401,07            | 1 114,4     | 1 219,9 | 1 290,2 | 1 465,8 | 1 704,4 | 1 830,6 | 2 019,9 | 2 202,2 | 2 412,4 | 2 622,6 | 2 972,9 |
| 2,25        | 32                           | 142,60            | 72                           | 320,86            | 1 207,7     | 1 313,0 | 1 383,1 | 1 558,5 | 1 796,8 | 1 922,9 | 2 112,1 | 2 294,3 | 2 504,4 | 2 714,5 | 3 064,7 |
| 2,27        | 30                           | 133,69            | 68                           | 303,03            | 1 229,1     | 1 334,3 | 1 404,4 | 1 579,7 | 1 818,0 | 1 944,2 | 2 133,3 | 2 315,5 | 2 525,6 | 2 735,7 | 3 085,8 |
| 2,29        | 28                           | 124,78            | 64                           | 285,21            | 1 250,4     | 1 355,6 | 1 425,7 | 1 601,0 | 1 839,3 | 1 965,4 | 2 154,5 | 2 336,6 | 2 546,7 | 2 756,8 | 3 107,0 |
| 2,33        | 72                           | 320,86            | 168                          | 748,66            | 702,2       | 811,6   | 884,0   | 1 063,4 | 1 305,4 | 1 433,0 | 1 623,9 | 1 807,3 | 2 018,7 | 2 229,7 | 2 581,1 |
| 2,33        | 48                           | 213,90            | 112                          | 499,11            | 1 004,9     | 1 110,8 | 1 181,4 | 1 357,5 | 1 596,6 | 1 723,1 | 1 912,7 | 2 095,1 | 2 305,6 | 2 516,0 | 2 866,5 |
| 2,34        | 29                           | 129,23            | 68                           | 303,03            | 1 232,4     | 1 337,7 | 1 407,8 | 1 583,1 | 1 821,4 | 1 947,6 | 2 136,7 | 2 318,9 | 2 529,0 | 2 739,1 | 3 089,3 |
| 2,35        | 34                           | 151,52            | 80                           | 356,51            | 1 171,5     | 1 276,9 | 1 347,1 | 1 522,5 | 1 761,0 | 1 887,2 | 2 076,5 | 2 258,7 | 2 468,9 | 2 679,0 | 3 029,3 |
| 2,37        | 38                           | 169,34            | 90                           | 401,07            | 1 121,0     | 1 226,5 | 1 296,8 | 1 472,4 | 1 711,1 | 1 837,3 | 2 026,7 | 2 209,0 | 2 419,2 | 2 629,5 | 2 979,7 |
| 2,40        | 80                           | 356,51            | 192                          | 855,62            | –           | 681,8   | 756,4   | 939,7   | 1 184,6 | 1 313,2 | 1 505,3 | 1 689,5 | 1 901,6 | 2 113,2 | 2 465,4 |
| 2,40        | 60                           | 267,38            | 144                          | 641,71            | 840,1       | 947,5   | 1 018,8 | 1 196,3 | 1 436,8 | 1 563,8 | 1 754,0 | 1 937,0 | 2 147,8 | 2 358,6 | 2 709,5 |
| 2,40        | 30                           | 133,69            | 72                           | 320,86            | 1 214,4     | 1 319,7 | 1 389,8 | 1 565,2 | 1 803,6 | 1 929,7 | 2 118,9 | 2 301,1 | 2 511,3 | 2 721,4 | 3 071,6 |
| 2,43        | 28                           | 124,78            | 68                           | 303,03            | 1 235,8     | 1 341,0 | 1 411,2 | 1 586,5 | 1 824,8 | 1 951,0 | 2 140,1 | 2 322,3 | 2 532,4 | 2 742,6 | 3 092,7 |
| 2,47        | 68                           | 303,03            | 168                          | 748,66            | 713,9       | 823,7   | 896,2   | 1 075,8 | 1 318,1 | 1 445,8 | 1 636,8 | 1 820,3 | 2 031,8 | 2 242,9 | 2 594,4 |
| 2,48        | 29                           | 129,23            | 72                           | 320,86            | 1 217,7     | 1 323,0 | 1 393,2 | 1 568,6 | 1 807,0 | 1 933,1 | 2 122,3 | 2 304,5 | 2 514,7 | 2 724,8 | 3 075,0 |
| 2,50        | 36                           | 160,43            | 90                           | 401,07            | 1 127,6     | 1 233,1 | 1 303,4 | 1 479,1 | 1 717,8 | 1 844,1 | 2 033,4 | 2 215,7 | 2 426,0 | 2 636,3 | 2 986,6 |
| 2,50        | 32                           | 142,60            | 80                           | 356,51            | 1 178,1     | 1 283,5 | 1 353,8 | 1 529,3 | 1 767,8 | 1 894,0 | 2 083,3 | 2 265,5 | 2 475,7 | 2 685,9 | 3 036,1 |
| 2,55        | 44                           | 196,08            | 112                          | 499,11            | 1 017,7     | 1 123,8 | 1 194,4 | 1 370,6 | 1 609,9 | 1 736,4 | 1 926,0 | 2 108,6 | 2 319,1 | 2 529,5 | 2 880,0 |
| 2,57        | 56                           | 249,55            | 144                          | 641,71            | 852,3       | 959,9   | 1 031,3 | 1 209,1 | 1 449,7 | 1 576,8 | 1 767,1 | 1 950,1 | 2 161,1 | 2 371,9 | 2 722,9 |
| 2,57        | 28                           | 124,78            | 72                           | 320,86            | 1 221,1     | 1 326,4 | 1 396,6 | 1 571,9 | 1 810,3 | 1 936,5 | 2 125,7 | 2 307,9 | 2 518,1 | 2 728,2 | 3 078,4 |
| 2,63        | 64                           | 285,21            | 168                          | 748,66            | 725,7       | 835,7   | 908,3   | 1 088,2 | 1 330,8 | 1 458,6 | 1 649,7 | 1 833,3 | 2 044,9 | 2 256,1 | 2 607,7 |
| 2,65        | 34                           | 151,52            | 90                           | 401,07            | 1 134,1     | 1 239,7 | 1 310,1 | 1 485,8 | 1 724,5 | 1 850,8 | 2 040,2 | 2 222,5 | 2 432,8 | 2 643,1 | 2 993,4 |
| 2,67        | 72                           | 320,86            | 192                          | 855,62            | –           | 704,6   | 779,7   | 963,7   | 1 209,3 | 1 338,2 | 1 530,6 | 1 715,1 | 1 927,4 | 2 139,3 | 2 491,6 |
| 2,67        | 30                           | 133,69            | 80                           | 356,51            | 1 184,8     | 1 290,2 | 1 360,4 | 1 536,0 | 1 774,5 | 1 900,7 | 2 090,0 | 2 272,3 | 2 482,5 | 2 692,7 | 3 043,0 |
| 2,70        | 80                           | 356,51            | 216                          | 962,57            | –           | –       | –       | 833,3   | 1 084,4 | 1 215,0 | 1 409,3 | 1 595,1 | 1 808,6 | 2 021,2 | 2 374,6 |
| 2,76        | 29                           | 129,23            | 80                           | 356,51            | 1 188,1     | 1 293,5 | 1 363,8 | 1 539,3 | 1 777,9 | 1 904,1 | 2 093,4 | 2 275,7 | 2 485,9 | 2 696,1 | 3 046,4 |
| 2,77        | 52                           | 231,73            | 144                          | 641,71            | 864,6       | 972,3   | 1 043,8 | 1 221,8 | 1 462,6 | 1 589,8 | 1 780,2 | 1 963,3 | 2 174,3 | 2 385,2 | 2 736,3 |
| 2,80        | 60                           | 267,38            | 168                          | 748,66            | 737,4       | 847,6   | 920,4   | 1 100,6 | 1 343,4 | 1 471,3 | 1 662,6 | 1 846,3 | 2 057,9 | 2 269,2 | 2 620,9 |
| 2,80        | 40                           | 178,25            | 112                          | 499,11            | 1 030,5     | 1 136,7 | 1 207,3 | 1 383,7 | 1 623,1 | 1 749,6 | 1 939,4 | 2 121,9 | 2 332,5 | 2 542,9 | 2 893,6 |
| 2,81        | 32                           | 142,60            | 90                           | 401,07            | 1 140,7     | 1 246,3 | 1 316,7 | 1 492,4 | 1 731,2 | 1 857,5 | 2 046,9 | 2 229,3 | 2 439,6 | 2 649,8 | 3 000,2 |
| 2,82        | 68                           | 303,03            | 192                          | 855,62            | 600,2       | 716,0   | 791,3   | 975,6   | 1 221,6 | 1 350,6 | 1 543,2 | 1 727,9 | 1 940,3 | 2 152,2 | 2 504,7 |
| 2,86        | 28                           | 124,78            | 80                           | 356,51            | 1 191,4     | 1 296,8 | 1 367,1 | 1 542,6 | 1 781,2 | 1 907,5 | 2 096,8 | 2 279,1 | 2 489,3 | 2 699,5 | 3 049,8 |
| 2,95        | 38                           | 169,34            | 112                          | 499,11            | 1 036,9     | 1 143,1 | 1 213,8 | 1 390,2 | 1 629,7 | 1 756,3 | 1 946,0 | 2 128,6 | 2 339,2 | 2 549,7 | 2 900,3 |
| 3,00        | 72                           | 320,86            | 216                          | 962,57            | –           | –       | –       | 662,7   | 856,1   | 1 008,2 | 1 239,2 | 1 434,0 | 1 620,1 | 1 833,9 | 2 046,8 |
| 3,00        | 64                           | 285,21            | 192                          | 855,62            | 611,2       | 727,3   | 802,8   | 987,5   | 1 233,9 | 1 363,1 | 1 555,8 | 1 740,6 | 1 953,1 | 2 165,2 | 2 517,8 |
| 3,00        | 56                           | 249,55            | 168                          | 748,66            | 749,0       | 859,5   | 932,4   | 1 112,9 | 1 356,0 | 1 484,0 | 1 675,4 | 1 859,2 | 2 070,9 | 2 282,3 | 2 634,2 |
| 3,00        | 48                           | 213,90            | 144                          | 641,71            | 876,8       | 984,7   | 1 056,3 | 1 234,4 | 1 475,5 | 1 602,7 | 1 793,2 | 1 976,4 | 2 187,5 | 2 398,5 | 2 749,7 |
| 3,00        | 30                           | 133,69            | 90                           | 401,07            | 1 147,2     | 1 252,9 | 1 323,2 | 1 499,0 | 1 737,9 | 1 864,2 | 2 053,6 | 2 236,0 | 2 446,3 | 2 656,6 | 3 007,0 |
| 3,10        | 29                           | 129,23            | 90                           | 401,07            | 1 150,5     | 1 256,1 | 1 326,5 | 1 502,3 | 1 741,2 | 1 867,6 | 2 057,0 | 2 239,4 | 2 449,7 | 2 660,0 | 3 010,4 |
| 3,11        | 36                           | 160,43            | 112                          | 499,11            | 1 043,2     | 1 149,5 | 1 220,2 | 1 396,7 | 1 636,2 | 1 762,9 | 1 952,7 | 2 135,3 | 2 345,9 | 2 556,4 | 2 907,0 |
| 3,18        | 68                           | 303,03            | 216                          | 962,57            | –           | –       | –       | 673,5   | 867,5   | 1 020,1 | 1 251,3 | 1 446,2 | 1 632,6 | 1 846,5 | 2 105,9 |
| 3,20        | 60                           | 267,38            | 192                          | 855,62            | 622,1       | 738,6   | 814,3   | 999,4   | 1 246,1 | 1 375,4 | 1 568,3 | 1 753,3 | 1 966,0 | 2 178,1 | 2 430,4 |
| 3,21        | 28                           | 124,78            | 90                           | 401,07            | 1 153,7     | 1 259,4 | 1 329,8 | 1 505,7 | 1 744,5 | 1 870,9 | 2 060,4 | 2 242,7 | 2 453,1 | 2 663,4 | 3 013,8 |
| 3,23        | 52                           | 231,73            | 168                          | 748,66            | 760,6       | 871,4   | 944,4   | 1 125,2 | 1 368,5 | 1 496,6 | 1 688,2 | 1 872,1 | 2 084,0 | 2 295,4 | 2 647,4 |
| 3,27        | 44                           | 196,08            | 144                          | 641,71            | 888,9       | 997,0   | 1 068,7 | 1 247,0 | 1 488,3 | 1 615,6 | 1 806,2 | 1 989,5 | 2 200,7 | 2 411,7 | 2 763,0 |
| 3,29        | 34                           | 151,52            | 112                          | 499,11            | 1 049,6     | 1 155,9 | 1 226,7 | 1 403,2 | 1 642,8 | 1 769,5 | 1 959,3 | 2 141,9 | 2 352,6 | 2 563,1 | 2 913,8 |
| 3,38        | 64                           | 285,21            | 216                          | 962,57            | –           | –       | –       | 684,3   | 878,9   | 1 031,9 | 1 263,3 | 1 458,5 | 1 645,0 | 1 859,1 | 2 122,3 |
| 3,43        | 56                           | 249,55            | 192                          | 855,62            | 633,0       | 749,9   | 825,7   | 1 011,2 | 1 258,3 | 1 387,8 | 1 580,9 | 1 765,9 | 1 978,8 | 2 191,0 | 2 543,9 |
| 3,50        | 48                           | 213,90            | 168                          | 748,66            | 772,2       | 883,2   | 956,4   | 1 137,4 | 1 381,0 | 1 509,3 | 1 700,9 | 1 885,0 | 2 096,9 | 2 308,5 | 2 660,6 |
| 3,50        | 32                           | 142,60            | 112                          | 499,11            | 1 055,9     | 1 162,3 | 1 233,1 | 1 409,7 | 1 649,4 | 1 776,0 | 1 965,9 | 2 148,6 | 2 359,3 | 2 569,8 | 2 920,6 |
| 3,60        | 60                           | 267,38            | 216                          | 962,57            | –           | –       | –       | 695,1   | 890,2   | 1 041,8 | 1 273,3 | 1 470,7 | 1 657,4 | 1 871,6 | 2 139,2 |
| 3,60        | 40                           | 178,25            | 144                          | 641,71            | 901,0       | 1 009,3 | 1 081,1 | 1 259,6 | 1 501,1 | 1 628,5 | 1 819,2 | 2 002,6 | 2 213,9 | 2 424,9 | 2 776,3 |
| 3,69        | 52                           | 231,73            | 192                          | 855,62            | 643,8       | 761,1   | 837,2   | 1 023,1 | 1 270,5 | 1 400,1 | 1 593,4 | 1 778,6 | 1 991,5 | 2 209,9 | 2 556,9 |
| 3,73        | 30                           | 133,69            | 112                          | 499,11            | 1 062,2     | 1 168,7 | 1 239,5 | 1 416,2 | 1 655,9 | 1 782,6 | 1 972,5 | 2 155,3 | 2 365,9 | 2 576,5 | 2 927,3 |
| 3,79        | 38                           | 169,34            | 144                          | 641,71            | 907,1       | 1 015,4 | 1 087,2 | 1 265,9 | 1 507,5 | 1 634,9 | 1 825,7 | 2 009,1 | 2 220,4 | 2 431,5 | 2 783,0 |
| 3,82        | 44                           | 196,08            | 168                          | 748,66            | 783,8       | 895,0   | 968,3   | 1 149,6 | 1 393,5 | 1 521,9 | 1 713,7 | 1 897,9 | 2 109,9 | 2 321,5 | 2 673,7 |
| 3,86        | 56                           | 249,55            | 216                          | 962,57            | –           | –       | –       | 622,9   | 705,9   | 801,5   | 915,6   | 1 028,7 | 1 142,9 | 1 258,2 | 1 374,7 |
| 3,86        | 29                           | 129,23            | 112                          | 499,11            | 1 065,4     | 1 171,9 | 1 242,7 | 1 419,4 | 1 659,2 | 1 785,9 | 1 975,8 | 2 158,6 | 2 369,3 | 2 579,9 | 2 930,7 |
| 4,00        | 48                           | 213,90            | 192                          | 855,62            | 654,7       | 772,3   | 848,6   | 1 034,8 | 1 282,7 | 1 412,4 | 1 605,8 | 1 791,2 | 2 004,3 | 2 216,7 | 2 569,9 |
| 4,00        | 36                           | 160,43            | 144                          | 641,71            | 913,1       | 1 021,5 | 1 093,4 | 1 272,2 | 1 513,8 | 1 641,3 | 1 832,2 | 2 015,6 | 2 227,0 | 2 438,1 | 2 789,6 |
| 4,00        | 28                           | 124,78            | 112                          | 499,11            | 1 068,6     | 1 175,1 | 1 245,9 | 1 422,7 | 1 662,5 | 1 789,2 | 1 979,1 | 2 161,9 | 2 372,6 | 2 583,2 | 2 934,0 |
| 4,15        | 52                           | 231,73            | 216                          | 962,57            | –           | –       | –       | 633,3   | 716,6   | 812,8   | 919,3   | 1 026,2 | 1 133,3 | 1 240,4 | 1 347,5 |
| 4,20        | 40                           | 178,25            | 168                          | 748,66            | 795,3       | 906,8   | 980,2   | 1 161,8 | 1 406,0 | 1 534,4 | 1 726,4 | 1 910,7 | 2 122,8 | 2 334,6 | 2 686,8 |
| 4,24        | 34                           | 151,52            | 144                          | 641,71            | 919,1       | 1 027,6 | 1 099,6 | 1 278,4 | 1 520,2 | 1 647,7 | 1 838,6 | 2 022,1 | 2 235,5 | 2 447,7 | 2 796,3 |
| 4,36        | 44                           | 196,08            | 192                          | 855,62            | 665,5       | 783,5   | 860,0   | 1 046,6 | 1 294,8 | 1 424,7 | 1 618,3 | 1 803,8 | 2 017,0 | 2 229,6 | 2 582,9 |
| 4,42        | 38                           | 169,34            | 168                          | 748,66            | 801,0       | 912,6   | 986,1   | 1 167,9 | 1 412,2 | 1 540,7 | 1 732,7 | 1 917,1 | 2 129,3 | 2 341,1 | 2 693,4 |
| 4,50        | 48                           | 213,90            | 216                          | 962,57            | –           | –       | –       |         |         |         |         |         |         |         |         |

# Centre distances

## Section 14M

Table 4r

| Speed ratio | Driver<br>Number of<br>teeth | Pitch<br>diameter | Driven<br>Number of<br>teeth | Pitch<br>diameter | Belt length |       |         |         |         |         |         |         |         |         |         |
|-------------|------------------------------|-------------------|------------------------------|-------------------|-------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|             |                              |                   |                              |                   | 3 150       | 3 360 | 3 500   | 3 850   | 4 326   | 4 578   | 4 956   | 5 320   | 5 740   | 6 160   | 6 860   |
|             |                              | mm                | mm                           |                   | mm          |       |         |         |         |         |         |         |         |         |         |
| 5,60        | 30                           | 133,69            | 168                          | 748,66            | 823,9       | 936,0 | 1 009,8 | 1 192,1 | 1 437,0 | 1 565,7 | 1 758,0 | 1 942,6 | 2 155,0 | 2 367,0 | 2 719,6 |
| 5,65        | 34                           | 151,52            | 192                          | 855,62            | 692,4       | 811,3 | 888,3   | 1 075,9 | 1 324,9 | 1 455,2 | 1 649,3 | 1 835,1 | 2 048,7 | 2 261,5 | 2 615,3 |
| 5,68        | 38                           | 169,34            | 216                          | 962,57            | –           | 669,7 | 754,1   | 952,1   | 1 208,3 | 1 340,9 | 1 537,6 | 1 725,2 | 1 940,3 | 2 154,4 | 2 509,6 |
| 5,79        | 29                           | 129,23            | 168                          | 748,66            | 826,8       | 938,9 | 1 012,8 | 1 195,1 | 1 440,1 | 1 568,8 | 1 761,2 | 1 945,8 | 2 158,2 | 2 370,2 | 2 722,9 |
| 6,00        | 36                           | 160,43            | 216                          | 962,57            | –           | 674,9 | 759,4   | 957,7   | 1 214,1 | 1 346,8 | 1 543,6 | 1 731,3 | 1 946,5 | 2 160,7 | 2 516,0 |
| 6,00        | 32                           | 142,60            | 192                          | 855,62            | 697,8       | 816,9 | 893,9   | 1 081,7 | 1 331,0 | 1 461,3 | 1 655,5 | 1 841,4 | 2 055,0 | 2 267,9 | 2 621,7 |
| 6,00        | 28                           | 124,78            | 168                          | 748,66            | 829,6       | 941,9 | 1 015,7 | 1 198,2 | 1 443,2 | 1 571,9 | 1 764,4 | 1 949,0 | 2 161,5 | 2 373,5 | 2 726,1 |
| 6,35        | 34                           | 151,52            | 216                          | 962,57            | –           | 680,0 | 764,7   | 963,3   | 1 220,0 | 1 352,7 | 1 549,6 | 1 737,5 | 1 952,7 | 2 166,9 | 2 522,3 |
| 6,40        | 30                           | 133,69            | 192                          | 855,62            | 703,1       | 822,4 | 899,6   | 1 087,5 | 1 337,0 | 1 467,4 | 1 661,6 | 1 847,6 | 2 061,3 | 2 274,3 | 2 628,2 |
| 6,62        | 29                           | 129,23            | 192                          | 855,62            | 705,8       | 825,2 | 902,4   | 1 090,4 | 1 340,0 | 1 470,4 | 1 664,7 | 1 850,7 | 2 064,5 | 2 277,5 | 2 631,4 |
| 6,75        | 32                           | 142,60            | 216                          | 962,57            | –           | 685,2 | 770,0   | 968,9   | 1 225,8 | 1 358,7 | 1 555,7 | 1 743,6 | 1 958,9 | 2 173,2 | 2 528,7 |
| 6,86        | 28                           | 124,78            | 192                          | 855,62            | 708,5       | 828,0 | 905,2   | 1 093,3 | 1 343,0 | 1 473,5 | 1 667,8 | 1 853,9 | 2 067,6 | 2 280,7 | 2 634,6 |
| 7,20        | 30                           | 133,69            | 216                          | 962,57            | –           | 690,4 | 775,3   | 974,5   | 1 231,6 | 1 364,6 | 1 561,7 | 1 749,7 | 1 965,1 | 2 179,5 | 2 535,0 |
| 7,45        | 29                           | 129,23            | 216                          | 962,57            | –           | 693,0 | 778,0   | 977,2   | 1 234,5 | 1 367,5 | 1 564,7 | 1 752,7 | 1 968,2 | 2 182,6 | 2 538,2 |
| 7,71        | 28                           | 124,78            | 216                          | 962,57            | 552,9       | 695,5 | 780,6   | 980,0   | 1 237,4 | 1 370,5 | 1 567,7 | 1 755,8 | 1 971,3 | 2 185,7 | 2 541,4 |

# Recommended standard pulley number of teeth for faster shaft

|      | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 38 |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 3M   |    |    | √* |    | √  | √  | √  |    | √  |    | √  | √  | √  |    | √  |    | √  |    | √  |    | √  |    | √  |    |    |    |    |    |
| 5M   |    |    |    |    | √  | √  | √* |    | √  |    | √  | √  | √  |    | √  |    | √  |    | √  |    | √  |    | √  |    | √  | √  | √  | √  |
| 8M   |    |    |    |    |    |    |    |    |    |    |    |    | √* | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  |
| 14M  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| XL   | √* | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  |
| L    | √* | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  |
| H    |    |    |    |    | √* | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  |
| XH   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| T2,5 | √* | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  |
| T5   | √* | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  |
| T10  |    |    | √* | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  |
| AT5  | √* | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  |
| AT10 |    |    | √* | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  | √  |

\*Shows minimum pulley diameter for particular section. If smaller pulley diameter is used, the belt service life could be affected.

# Speed ratios for timing belt standard pulleys

| Z <sub>1</sub> | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | 32   | 33   | 34   | 35   | 36   | 38   |      |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 10             | 1,00 | 1,10 | 1,20 | 1,30 | 1,40 | 1,50 | 1,60 | 1,70 | 1,80 | 1,90 | 2,00 | 2,10 | 2,20 | 2,30 | 2,40 | 2,50 | 2,60 | 2,70 | 2,80 | 2,90 | 3,00 | 3,10 | 3,20 | 3,30 | 3,40 | 3,50 | 3,60 | 3,80 |      |
| 11             |      | 1,00 | 1,09 | 1,18 | 1,27 | 1,36 | 1,45 | 1,55 | 1,64 | 1,73 | 1,82 | 1,91 | 2,00 | 2,09 | 2,18 | 2,27 | 2,36 | 2,45 | 2,55 | 2,64 | 2,73 | 2,82 | 2,91 | 3,00 | 3,09 | 3,18 | 3,27 | 3,45 |      |
| 12             |      |      | 1,00 | 1,08 | 1,17 | 1,25 | 1,33 | 1,42 | 1,50 | 1,58 | 1,67 | 1,75 | 1,83 | 1,92 | 2,00 | 2,08 | 2,17 | 2,25 | 2,33 | 2,42 | 2,50 | 2,58 | 2,67 | 2,75 | 2,83 | 2,92 | 3,00 | 3,17 |      |
| 13             |      |      |      | 1,00 | 1,08 | 1,15 | 1,23 | 1,31 | 1,38 | 1,46 | 1,54 | 1,62 | 1,69 | 1,77 | 1,85 | 1,92 | 2,00 | 2,08 | 2,15 | 2,23 | 2,31 | 2,38 | 2,46 | 2,54 | 2,62 | 2,69 | 2,77 | 2,92 |      |
| 14             |      |      |      |      | 1,00 | 1,07 | 1,14 | 1,21 | 1,29 | 1,36 | 1,43 | 1,50 | 1,57 | 1,64 | 1,71 | 1,79 | 1,86 | 1,93 | 2,00 | 2,07 | 2,14 | 2,21 | 2,29 | 2,36 | 2,43 | 2,50 | 2,57 | 2,71 |      |
| 15             |      |      |      |      |      | 1,00 | 1,07 | 1,13 | 1,20 | 1,27 | 1,33 | 1,40 | 1,47 | 1,53 | 1,60 | 1,67 | 1,73 | 1,80 | 1,87 | 1,93 | 2,00 | 2,07 | 2,13 | 2,20 | 2,27 | 2,33 | 2,40 | 2,53 |      |
| 16             |      |      |      |      |      |      | 1,00 | 1,06 | 1,13 | 1,19 | 1,25 | 1,31 | 1,38 | 1,44 | 1,50 | 1,56 | 1,63 | 1,69 | 1,75 | 1,81 | 1,88 | 1,94 | 2,00 | 2,06 | 2,13 | 2,19 | 2,25 | 2,38 |      |
| 17             |      |      |      |      |      |      |      | 1,00 | 1,06 | 1,12 | 1,18 | 1,24 | 1,29 | 1,35 | 1,41 | 1,47 | 1,53 | 1,59 | 1,65 | 1,71 | 1,76 | 1,82 | 1,88 | 1,94 | 2,00 | 2,06 | 2,12 | 2,24 |      |
| 18             |      |      |      |      |      |      |      |      | 1,00 | 1,06 | 1,11 | 1,17 | 1,22 | 1,28 | 1,33 | 1,39 | 1,44 | 1,50 | 1,56 | 1,61 | 1,67 | 1,72 | 1,78 | 1,83 | 1,89 | 1,94 | 2,00 | 2,11 |      |
| 19             |      |      |      |      |      |      |      |      |      | 1,00 | 1,05 | 1,11 | 1,16 | 1,21 | 1,26 | 1,32 | 1,37 | 1,42 | 1,47 | 1,53 | 1,58 | 1,63 | 1,68 | 1,74 | 1,79 | 1,84 | 1,89 | 2,00 |      |
| 20             |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,05 | 1,10 | 1,15 | 1,20 | 1,25 | 1,30 | 1,35 | 1,40 | 1,45 | 1,50 | 1,55 | 1,60 | 1,65 | 1,70 | 1,75 | 1,80 | 1,90 |      |
| 21             |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,05 | 1,10 | 1,14 | 1,19 | 1,24 | 1,29 | 1,33 | 1,38 | 1,43 | 1,48 | 1,52 | 1,57 | 1,62 | 1,67 | 1,71 | 1,81 |      |
| 22             |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,05 | 1,09 | 1,14 | 1,18 | 1,23 | 1,27 | 1,32 | 1,36 | 1,41 | 1,45 | 1,50 | 1,55 | 1,59 | 1,64 | 1,73 |      |
| 23             |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,04 | 1,09 | 1,13 | 1,17 | 1,22 | 1,26 | 1,30 | 1,35 | 1,39 | 1,43 | 1,48 | 1,52 | 1,57 | 1,65 |      |
| 24             |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,04 | 1,08 | 1,13 | 1,17 | 1,21 | 1,25 | 1,29 | 1,33 | 1,38 | 1,42 | 1,46 | 1,50 | 1,58 |      |
| 25             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,04 | 1,08 | 1,12 | 1,16 | 1,20 | 1,24 | 1,28 | 1,32 | 1,36 | 1,40 | 1,44 | 1,52 |      |
| 26             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,04 | 1,08 | 1,12 | 1,15 | 1,19 | 1,23 | 1,27 | 1,31 | 1,35 | 1,38 | 1,46 |      |
| 27             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,04 | 1,07 | 1,11 | 1,15 | 1,19 | 1,22 | 1,26 | 1,30 | 1,33 | 1,41 |      |
| 28             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,04 | 1,07 | 1,11 | 1,14 | 1,18 | 1,21 | 1,25 | 1,29 | 1,36 |      |
| 29             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,03 | 1,07 | 1,10 | 1,14 | 1,17 | 1,21 | 1,24 | 1,31 |      |
| 30             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,03 | 1,07 | 1,10 | 1,13 | 1,17 | 1,20 | 1,27 |      |
| 31             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,03 | 1,06 | 1,10 | 1,13 | 1,16 | 1,23 |      |
| 32             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,03 | 1,06 | 1,09 | 1,13 | 1,19 |      |
| 33             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,03 | 1,06 | 1,09 | 1,15 |      |
| 34             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,03 | 1,06 | 1,12 |      |
| 35             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,03 | 1,09 |
| 36             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 | 1,06 |
| 38             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,00 |
| 40             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 42             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 44             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 45             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 48             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 50             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 52             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 56             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 57             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 58             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 60             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 64             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 70             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 72             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 76             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 80             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 84             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 90             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 95             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 96             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 112            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 120            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 144            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 156            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 168            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 192            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |
| 216            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,06 |



# Correction factors

Table 6

**Teeth in mesh (TIM) Correction factor  $C_4$**

| TIM         | $C_4$ |
|-------------|-------|
| 6 and above | 1     |
| 5           | 0,8   |
| 4           | 0,6   |
| 3           | 0,4   |
| 2           | 0,2   |

Table 7

**Belt length correction factor  $C_1$**

| Belt length | Correction factor<br>5M | 8M   | 14M  | XL<br>L<br>H<br>XH<br>T2.5<br>T5<br>T10<br>AT5<br>AT10 |
|-------------|-------------------------|------|------|--|
| mm          | -                       |      |      |  |
| 425         | 0,80                    | -    | -    | 1,00   |
| 535         | 0,90                    | -    | -    | 1,00   |
| 600         | 1,00                    | -    | -    | 1,00   |
| 800         | 1,10                    | -    | -    | 1,00   |
| 890         | 1,20                    | -    | -    | 1,00   |
| 1 050       | 1,30                    | -    | -    | 1,00   |
| 1 190       | -                       | 0,80 | -    | 1,00   |
| 1 200       | -                       | 0,90 | -    | 1,00   |
| 1 420       | -                       | 1,00 | -    | 1,00   |
| 1 610       | -                       | 1,10 | -    | 1,00   |
| 1 760       | -                       | 1,20 | -    | 1,00   |
| 1 890       | -                       | -    | -    | 1,00   |
| 2 000       | -                       | -    | 0,90 | 1,00   |
| 2 450       | -                       | -    | 0,95 | 1,00   |
| 2 500       | -                       | -    | 1,00 | 1,00   |
| 3 150       | -                       | -    | 1,05 | 1,00   |
| 3 400       | -                       | -    | 1,10 | 1,00   |



# Power ratings

## Section XL (25,4 mm wide)

Table 8a

| Faster shaft speed<br>Number of teeth | Rated power per belt for small pulley pitch diameter [mm] |       |       |       |       |       |       |       |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                       | 10  | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    |
| Pitch diameter [mm]                   | 16,17   | 17,79 | 19,40 | 21,02 | 22,64 | 24,26 | 25,87 | 27,49 | 29,11 | 30,72 | 32,34 |
| r/min                                 | kW  |       |       |       |       |       |       |       |       |       |       |
| 100                                   | 0,02  | 0,02  | 0,02  | 0,02  | 0,02  | 0,02  | 0,02  | 0,03  | 0,03  | 0,03  | 0,03  |
| 200                                   | 0,03  | 0,03  | 0,04  | 0,04  | 0,04  | 0,05  | 0,05  | 0,05  | 0,06  | 0,06  | 0,06  |
| 400                                   | 0,06  | 0,07  | 0,07  | 0,08  | 0,09  | 0,09  | 0,10  | 0,10  | 0,11  | 0,12  | 0,12  |
| 600                                   | 0,09  | 0,10  | 0,11  | 0,12  | 0,13  | 0,14  | 0,15  | 0,16  | 0,17  | 0,18  | 0,18  |
| 720                                   | 0,11  | 0,12  | 0,13  | 0,14  | 0,15  | 0,17  | 0,18  | 0,19  | 0,20  | 0,21  | 0,22  |
| 800                                   | 0,12  | 0,14  | 0,15  | 0,16  | 0,17  | 0,18  | 0,20  | 0,21  | 0,22  | 0,23  | 0,25  |
| 960                                   | 0,15  | 0,16  | 0,18  | 0,19  | 0,21  | 0,22  | 0,24  | 0,25  | 0,27  | 0,28  | 0,29  |
| 1 000                                 | 0,15  | 0,17  | 0,18  | 0,20  | 0,22  | 0,23  | 0,25  | 0,26  | 0,28  | 0,29  | 0,31  |
| 1 200                                 | 0,18  | 0,20  | 0,22  | 0,24  | 0,26  | 0,28  | 0,29  | 0,31  | 0,33  | 0,35  | 0,37  |
| 1 400                                 | 0,22  | 0,24  | 0,26  | 0,28  | 0,30  | 0,32  | 0,34  | 0,37  | 0,39  | 0,41  | 0,43  |
| 1 440                                 | 0,22  | 0,24  | 0,27  | 0,29  | 0,31  | 0,33  | 0,35  | 0,38  | 0,40  | 0,42  | 0,44  |
| 1 600                                 | 0,25  | 0,27  | 0,29  | 0,32  | 0,34  | 0,37  | 0,39  | 0,42  | 0,44  | 0,47  | 0,49  |
| 1 800                                 | 0,28  | 0,30  | 0,33  | 0,36  | 0,39  | 0,41  | 0,44  | 0,47  | 0,50  | 0,52  | 0,55  |
| 2 000                                 | 0,31  | 0,34  | 0,37  | 0,40  | 0,43  | 0,46  | 0,49  | 0,52  | 0,55  | 0,58  | 0,61  |
| 2 200                                 | 0,34  | 0,37  | 0,41  | 0,44  | 0,47  | 0,51  | 0,54  | 0,57  | 0,61  | 0,64  | 0,67  |
| 2 400                                 | 0,37  | 0,41  | 0,44  | 0,48  | 0,51  | 0,55  | 0,59  | 0,62  | 0,66  | 0,70  | 0,73  |
| 2 600                                 | 0,40  | 0,44  | 0,48  | 0,52  | 0,56  | 0,60  | 0,64  | 0,68  | 0,71  | 0,75  | 0,79  |
| 2 800                                 | 0,43  | 0,47  | 0,51  | 0,56  | 0,60  | 0,64  | 0,68  | 0,73  | 0,77  | 0,81  | 0,85  |
| 2 880                                 | 0,44  | 0,49  | 0,53  | 0,57  | 0,62  | 0,66  | 0,70  | 0,75  | 0,79  | 0,83  | 0,88  |
| 3 000                                 | 0,46  | 0,51  | 0,55  | 0,60  | 0,64  | 0,69  | 0,73  | 0,78  | 0,82  | 0,87  | 0,91  |
| 3 200                                 | 0,49  | 0,54  | 0,59  | 0,64  | 0,68  | 0,73  | 0,78  | 0,83  | 0,88  | 0,92  | 0,97  |
| 3 400                                 | 0,52  | 0,57  | 0,62  | 0,68  | 0,73  | 0,78  | 0,83  | 0,88  | 0,93  | 0,98  | 1,03  |
| 3 600                                 | 0,55  | 0,61  | 0,66  | 0,71  | 0,77  | 0,82  | 0,88  | 0,93  | 0,98  | 1,04  | 1,09  |
| 3 800                                 | 0,58  | 0,64  | 0,70  | 0,75  | 0,81  | 0,87  | 0,92  | 0,98  | 1,04  | 1,09  | 1,15  |
| 4 000                                 | 0,61  | 0,67  | 0,73  | 0,79  | 0,85  | 0,91  | 0,97  | 1,03  | 1,09  | 1,15  | 1,21  |
| 4 200                                 | 0,64  | 0,71  | 0,77  | 0,83  | 0,89  | 0,96  | 1,02  | 1,08  | 1,14  | 1,20  | 1,26  |
| 4 400                                 | 0,67  | 0,74  | 0,81  | 0,87  | 0,94  | 1,00  | 1,07  | 1,13  | 1,19  | 1,26  | 1,32  |
| 4 600                                 | 0,70  | 0,77  | 0,84  | 0,91  | 0,98  | 1,05  | 1,11  | 1,18  | 1,25  | 1,31  | 1,38  |
| 4 800                                 | 0,73  | 0,81  | 0,88  | 0,95  | 1,02  | 1,09  | 1,16  | 1,23  | 1,30  | 1,37  | 1,43  |
| 5 000                                 | 0,76  | 0,84  | 0,91  | 0,99  | 1,06  | 1,13  | 1,21  | 1,28  | 1,35  | 1,42  | 1,49  |
| 5 200                                 | 0,79  | 0,87  | 0,95  | 1,02  | 1,10  | 1,18  | 1,25  | 1,33  | 1,40  | 1,47  | 1,55  |
| 5 400                                 | 0,82  | 0,90  | 0,98  | 1,06  | 1,14  | 1,22  | 1,30  | 1,37  | 1,45  | 1,53  | 1,60  |
| 5 600                                 | 0,85  | 0,94  | 1,02  | 1,10  | 1,18  | 1,26  | 1,34  | 1,42  | 1,50  | 1,58  | 1,66  |
| 5 800                                 | 0,88  | 0,97  | 1,05  | 1,14  | 1,22  | 1,31  | 1,39  | 1,47  | 1,55  | 1,63  | 1,71  |
| 6 000                                 | 0,91  | 1,00  | 1,09  | 1,18  | 1,26  | 1,35  | 1,43  | 1,52  | 1,60  | 1,68  | 1,76  |
| 6 200                                 | 0,94  | 1,03  | 1,12  | 1,21  | 1,30  | 1,39  | 1,48  | 1,56  | 1,65  | 1,73  | 1,82  |
| 6 400                                 | 0,97  | 1,07  | 1,16  | 1,25  | 1,34  | 1,43  | 1,52  | 1,61  | 1,70  | 1,78  | 1,87  |
| 6 600                                 | 1,00  | 1,10  | 1,19  | 1,29  | 1,38  | 1,48  | 1,57  | 1,66  | 1,75  | 1,83  | 1,92  |
| 6 800                                 | 1,03  | 1,13  | 1,23  | 1,33  | 1,42  | 1,52  | 1,61  | 1,70  | 1,79  | 1,88  | 1,97  |
| 7 000                                 | 1,06  | 1,16  | 1,26  | 1,36  | 1,46  | 1,56  | 1,66  | 1,75  | 1,84  | 1,93  | 2,02  |
| 7 200                                 | 1,09  | 1,19  | 1,30  | 1,40  | 1,50  | 1,60  | 1,70  | 1,79  | 1,89  | 1,98  | 2,07  |
| 7 400                                 | 1,12  | 1,23  | 1,33  | 1,44  | 1,54  | 1,64  | 1,74  | 1,84  | 1,94  | 2,03  | 2,12  |
| 7 600                                 | 1,15  | 1,26  | 1,37  | 1,47  | 1,58  | 1,68  | 1,78  | 1,88  | 1,98  | 2,08  | 2,17  |
| 7 800                                 | 1,18  | 1,29  | 1,40  | 1,51  | 1,62  | 1,72  | 1,83  | 1,93  | 2,03  | 2,12  | 2,22  |
| 8 000                                 | 1,21  | 1,32  | 1,43  | 1,55  | 1,66  | 1,76  | 1,87  | 1,97  | 2,07  | 2,17  | 2,26  |
| 8 200                                 | 1,23  | 1,35  | 1,47  | 1,58  | 1,69  | 1,80  | 1,91  | 2,01  | 2,12  | 2,21  | 2,31  |
| 8 400                                 | 1,26  | 1,38  | 1,50  | 1,62  | 1,73  | 1,84  | 1,95  | 2,06  | 2,16  | 2,26  | 2,36  |
| 8 600                                 | 1,29  | 1,41  | 1,53  | 1,65  | 1,77  | 1,88  | 1,99  | 2,10  | 2,20  | 2,30  | 2,40  |
| 8 800                                 | 1,32  | 1,45  | 1,57  | 1,69  | 1,81  | 1,92  | 2,03  | 2,14  | 2,25  | 2,35  | 2,45  |
| 9 000                                 | 1,35  | 1,48  | 1,60  | 1,72  | 1,84  | 1,96  | 2,07  | 2,18  | 2,29  | 2,39  | 2,49  |
| 9 200                                 | 1,38  | 1,51  | 1,63  | 1,76  | 1,88  | 2,00  | 2,11  | 2,22  | 2,33  | 2,43  | 2,53  |
| 9 400                                 | 1,41  | 1,54  | 1,67  | 1,79  | 1,91  | 2,03  | 2,15  | 2,26  | 2,37  | 2,47  | 2,57  |
| 9 600                                 | 1,43  | 1,57  | 1,70  | 1,83  | 1,95  | 2,07  | 2,19  | 2,30  | 2,41  | 2,51  | 2,61  |
| 9 800                                 | 1,46  | 1,60  | 1,73  | 1,86  | 1,99  | 2,11  | 2,23  | 2,34  | 2,45  | 2,55  | 2,65  |
| 10 000                                | 1,49  | 1,63  | 1,76  | 1,89  | 2,02  | 2,15  | 2,26  | 2,38  | 2,49  | 2,59  | 2,69  |
| 10 200                                | 1,52  | 1,66  | 1,79  | 1,93  | 2,06  | 2,18  | 2,30  | 2,42  | 2,53  | 2,63  | 2,73  |
| 10 400                                | 1,55  | 1,69  | 1,83  | 1,96  | 2,09  | 2,22  | 2,34  | 2,45  | 2,56  | 2,67  | 2,77  |
| 10 600                                | 1,57  | 1,72  | 1,86  | 1,99  | 2,13  | 2,25  | 2,37  | 2,49  | 2,60  | 2,71  | 2,80  |
| 10 800                                | 1,60  | 1,75  | 1,89  | 2,03  | 2,16  | 2,29  | 2,41  | 2,53  | 2,64  | 2,74  | 2,84  |
| 11 000                                | 1,63  | 1,78  | 1,92  | 2,06  | 2,19  | 2,32  | 2,45  | 2,56  | 2,67  | 2,78  | 2,87  |
| 11 500                                | 1,70  | 1,85  | 2,00  | 2,14  | 2,28  | 2,41  | 2,53  | 2,65  | 2,76  | 2,86  | 2,95  |
| 12 000                                | 1,76  | 1,92  | 2,07  | 2,22  | 2,36  | 2,49  | 2,61  | 2,73  | 2,84  | 2,94  | 3,03  |
| 12 500                                | 1,83  | 1,99  | 2,15  | 2,29  | 2,43  | 2,57  | 2,69  | 2,81  | 2,91  | 3,01  | 3,09  |
| 13 000                                | 1,89  | 2,06  | 2,22  | 2,37  | 2,51  | 2,64  | 2,77  | 2,88  | 2,98  | 3,07  | 3,15  |
| 13 500                                | 1,96  | 2,13  | 2,29  | 2,44  | 2,58  | 2,72  | 2,84  | 2,95  | 3,05  | 3,13  | 3,21  |
| 14 000                                | 2,02  | 2,19  | 2,36  | 2,51  | 2,65  | 2,79  | 2,91  | 3,01  | 3,11  | 3,19  | 3,25  |

| Belt width [in.] |      |      |      |      |      |      |      |   |       |       |  |
|------------------|------|------|------|------|------|------|------|---|-------|-------|--|
| 1/4              | 5/16 | 3/8  | 7/16 | 1/2  | 5/8  | 3/4  | 7/8  | 1 | 1 1/4 | 1 1/2 |  |
| Width multiplier |      |      |      |      |      |      |      |   |       |       |  |
| 0,15             | 0,21 | 0,28 | 0,35 | 0,42 | 0,57 | 0,71 | 0,86 | 1 | 1,29  | 1,56  |  |

■ Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.



# Power ratings

## Section XL (25,4 mm wide)

Table 8b

| Faster shaft speed<br>Number of teeth | Rated power per belt for small pulley pitch diameter [mm] |       |       |       |       |       |       |       |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                       | 21  | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    |
| Pitch diameter [mm]                   | 33,96   | 35,57 | 37,19 | 38,81 | 40,43 | 42,04 | 43,66 | 45,28 | 46,89 | 48,51 | 50,13 |
| r/min                                 | kW  |       |       |       |       |       |       |       |       |       |       |
| 100                                   | 0,03  | 0,03  | 0,04  | 0,04  | 0,04  | 0,04  | 0,04  | 0,04  | 0,04  | 0,05  | 0,05  |
| 200                                   | 0,06  | 0,07  | 0,07  | 0,07  | 0,08  | 0,08  | 0,08  | 0,09  | 0,09  | 0,09  | 0,10  |
| 400                                   | 0,13  | 0,14  | 0,14  | 0,15  | 0,15  | 0,16  | 0,17  | 0,17  | 0,18  | 0,18  | 0,19  |
| 600                                   | 0,19  | 0,20  | 0,21  | 0,22  | 0,23  | 0,24  | 0,25  | 0,26  | 0,27  | 0,28  | 0,29  |
| 720                                   | 0,23  | 0,24  | 0,25  | 0,27  | 0,28  | 0,29  | 0,30  | 0,31  | 0,32  | 0,33  | 0,34  |
| 800                                   | 0,26  | 0,27  | 0,28  | 0,29  | 0,31  | 0,32  | 0,33  | 0,34  | 0,36  | 0,37  | 0,38  |
| 960                                   | 0,31  | 0,32  | 0,34  | 0,35  | 0,37  | 0,38  | 0,40  | 0,41  | 0,43  | 0,44  | 0,46  |
| 1 000                                 | 0,32  | 0,34  | 0,35  | 0,37  | 0,38  | 0,40  | 0,41  | 0,43  | 0,44  | 0,46  | 0,48  |
| 1 200                                 | 0,39  | 0,41  | 0,42  | 0,44  | 0,46  | 0,48  | 0,50  | 0,51  | 0,53  | 0,55  | 0,57  |
| 1 400                                 | 0,45  | 0,47  | 0,49  | 0,51  | 0,54  | 0,56  | 0,58  | 0,60  | 0,62  | 0,64  | 0,66  |
| 1 440                                 | 0,46  | 0,49  | 0,51  | 0,53  | 0,55  | 0,57  | 0,60  | 0,62  | 0,64  | 0,66  | 0,68  |
| 1 600                                 | 0,51  | 0,54  | 0,56  | 0,59  | 0,61  | 0,64  | 0,66  | 0,68  | 0,71  | 0,73  | 0,76  |
| 1 800                                 | 0,58  | 0,61  | 0,63  | 0,66  | 0,69  | 0,71  | 0,74  | 0,77  | 0,80  | 0,82  | 0,85  |
| 2 000                                 | 0,64  | 0,67  | 0,70  | 0,73  | 0,76  | 0,79  | 0,82  | 0,85  | 0,88  | 0,91  | 0,94  |
| 2 200                                 | 0,71  | 0,74  | 0,77  | 0,81  | 0,84  | 0,87  | 0,90  | 0,94  | 0,97  | 1,00  | 1,03  |
| 2 400                                 | 0,77  | 0,81  | 0,84  | 0,88  | 0,91  | 0,95  | 0,98  | 1,02  | 1,05  | 1,09  | 1,12  |
| 2 600                                 | 0,83  | 0,87  | 0,91  | 0,95  | 0,99  | 1,02  | 1,06  | 1,10  | 1,14  | 1,18  | 1,21  |
| 2 800                                 | 0,89  | 0,94  | 0,98  | 1,02  | 1,06  | 1,10  | 1,14  | 1,18  | 1,22  | 1,26  | 1,30  |
| 2 880                                 | 0,92  | 0,96  | 1,00  | 1,05  | 1,09  | 1,13  | 1,17  | 1,22  | 1,26  | 1,30  | 1,34  |
| 3 000                                 | 0,96  | 1,00  | 1,05  | 1,09  | 1,13  | 1,18  | 1,22  | 1,26  | 1,31  | 1,35  | 1,39  |
| 3 200                                 | 1,02  | 1,07  | 1,11  | 1,16  | 1,21  | 1,25  | 1,30  | 1,34  | 1,39  | 1,43  | 1,48  |
| 3 400                                 | 1,08  | 1,13  | 1,18  | 1,23  | 1,28  | 1,33  | 1,37  | 1,42  | 1,47  | 1,52  | 1,56  |
| 3 600                                 | 1,14  | 1,19  | 1,25  | 1,30  | 1,35  | 1,40  | 1,45  | 1,50  | 1,55  | 1,60  | 1,65  |
| 3 800                                 | 1,20  | 1,26  | 1,31  | 1,37  | 1,42  | 1,47  | 1,53  | 1,58  | 1,63  | 1,68  | 1,73  |
| 4 000                                 | 1,26  | 1,32  | 1,38  | 1,43  | 1,49  | 1,55  | 1,60  | 1,66  | 1,71  | 1,76  | 1,82  |
| 4 200                                 | 1,32  | 1,38  | 1,44  | 1,50  | 1,56  | 1,62  | 1,67  | 1,73  | 1,79  | 1,84  | 1,90  |
| 4 400                                 | 1,38  | 1,45  | 1,51  | 1,57  | 1,63  | 1,69  | 1,75  | 1,81  | 1,86  | 1,92  | 1,98  |
| 4 600                                 | 1,44  | 1,51  | 1,57  | 1,63  | 1,70  | 1,76  | 1,82  | 1,88  | 1,94  | 2,00  | 2,05  |
| 4 800                                 | 1,50  | 1,57  | 1,63  | 1,70  | 1,76  | 1,83  | 1,89  | 1,95  | 2,01  | 2,07  | 2,13  |
| 5 000                                 | 1,56  | 1,63  | 1,70  | 1,76  | 1,83  | 1,89  | 1,96  | 2,02  | 2,08  | 2,15  | 2,21  |
| 5 200                                 | 1,62  | 1,69  | 1,76  | 1,83  | 1,89  | 1,96  | 2,03  | 2,09  | 2,15  | 2,22  | 2,28  |
| 5 400                                 | 1,67  | 1,75  | 1,82  | 1,89  | 1,96  | 2,03  | 2,09  | 2,16  | 2,22  | 2,29  | 2,35  |
| 5 600                                 | 1,73  | 1,81  | 1,88  | 1,95  | 2,02  | 2,09  | 2,16  | 2,23  | 2,29  | 2,36  | 2,42  |
| 5 800                                 | 1,79  | 1,86  | 1,94  | 2,01  | 2,08  | 2,15  | 2,22  | 2,29  | 2,36  | 2,42  | 2,49  |
| 6 000                                 | 1,84  | 1,92  | 2,00  | 2,07  | 2,15  | 2,22  | 2,29  | 2,36  | 2,42  | 2,49  | 2,55  |
| 6 200                                 | 1,90  | 1,98  | 2,05  | 2,13  | 2,21  | 2,28  | 2,35  | 2,42  | 2,49  | 2,55  | 2,62  |
| 6 400                                 | 1,95  | 2,03  | 2,11  | 2,19  | 2,26  | 2,34  | 2,41  | 2,48  | 2,55  | 2,61  | 2,68  |
| 6 600                                 | 2,00  | 2,09  | 2,17  | 2,25  | 2,32  | 2,40  | 2,47  | 2,54  | 2,61  | 2,67  | 2,74  |
| 6 800                                 | 2,06  | 2,14  | 2,22  | 2,30  | 2,38  | 2,45  | 2,53  | 2,60  | 2,66  | 2,73  | 2,79  |
| 7 000                                 | 2,11  | 2,19  | 2,28  | 2,36  | 2,43  | 2,51  | 2,58  | 2,65  | 2,72  | 2,79  | 2,85  |
| 7 200                                 | 2,16  | 2,25  | 2,33  | 2,41  | 2,49  | 2,56  | 2,64  | 2,71  | 2,77  | 2,84  | 2,90  |
| 7 400                                 | 2,21  | 2,30  | 2,38  | 2,46  | 2,54  | 2,62  | 2,69  | 2,76  | 2,83  | 2,89  | 2,95  |
| 7 600                                 | 2,26  | 2,35  | 2,43  | 2,51  | 2,59  | 2,67  | 2,74  | 2,81  | 2,88  | 2,94  | 3,00  |
| 7 800                                 | 2,31  | 2,40  | 2,48  | 2,56  | 2,64  | 2,72  | 2,79  | 2,86  | 2,92  | 2,98  | 3,04  |
| 8 000                                 | 2,36  | 2,45  | 2,53  | 2,61  | 2,69  | 2,77  | 2,84  | 2,91  | 2,97  | 3,03  | 3,08  |
| 8 200                                 | 2,40  | 2,49  | 2,58  | 2,66  | 2,74  | 2,81  | 2,88  | 2,95  | 3,01  | 3,07  | 3,12  |
| 8 400                                 | 2,45  | 2,54  | 2,63  | 2,71  | 2,79  | 2,86  | 2,93  | 2,99  | 3,05  | 3,11  | 3,16  |
| 8 600                                 | 2,49  | 2,58  | 2,67  | 2,75  | 2,83  | 2,90  | 2,97  | 3,03  | 3,09  | 3,14  | 3,19  |
| 8 800                                 | 2,54  | 2,63  | 2,71  | 2,80  | 2,87  | 2,94  | 3,01  | 3,07  | 3,13  | 3,18  | 3,22  |
| 9 000                                 | 2,58  | 2,67  | 2,76  | 2,84  | 2,91  | 2,98  | 3,05  | 3,11  | 3,16  | 3,21  | 3,25  |
| 9 200                                 | 2,63  | 2,71  | 2,80  | 2,88  | 2,95  | 3,02  | 3,08  | 3,14  | 3,19  | 3,23  | 3,27  |
| 9 400                                 | 2,67  | 2,76  | 2,84  | 2,92  | 2,99  | 3,06  | 3,12  | 3,17  | 3,22  | 3,26  | 3,29  |
| 9 600                                 | 2,71  | 2,80  | 2,88  | 2,96  | 3,03  | 3,09  | 3,15  | 3,20  | 3,25  | 3,28  | 3,31  |
| 9 800                                 | 2,75  | 2,83  | 2,92  | 2,99  | 3,06  | 3,12  | 3,18  | 3,23  | 3,27  | 3,30  | 3,33  |
| 10 000                                | 2,79  | 2,87  | 2,95  | 3,03  | 3,09  | 3,15  | 3,21  | 3,25  | 3,29  | 3,32  | 3,34  |
| 10 200                                | 2,82  | 2,91  | 2,99  | 3,06  | 3,13  | 3,18  | 3,23  | 3,27  | 3,31  | 3,33  | 3,34  |
| 10 400                                | 2,86  | 2,94  | 3,02  | 3,09  | 3,15  | 3,21  | 3,26  | 3,29  | 3,32  | 3,34  | 3,35  |
| 10 600                                | 2,89  | 2,98  | 3,05  | 3,12  | 3,18  | 3,23  | 3,28  | 3,31  | 3,33  | 3,35  | 3,35  |
| 10 800                                | 2,93  | 3,01  | 3,08  | 3,15  | 3,21  | 3,26  | 3,29  | 3,32  | 3,34  | 3,35  | -     |
| 11 000                                | 2,96  | 3,04  | 3,11  | 3,18  | 3,23  | 3,27  | 3,31  | 3,33  | 3,35  | -     | -     |
| 11 500                                | 3,04  | 3,11  | 3,18  | 3,23  | 3,28  | 3,31  | 3,34  | 3,35  | 3,35  | -     | -     |
| 12 000                                | 3,11  | 3,18  | 3,23  | 3,28  | 3,32  | 3,34  | 3,35  | -     | -     | -     | -     |
| 12 500                                | 3,17  | 3,23  | 3,28  | 3,32  | 3,34  | 3,35  | -     | -     | -     | -     | -     |
| 13 000                                | 3,22  | 3,27  | 3,31  | 3,34  | 3,35  | -     | -     | -     | -     | -     | -     |
| 13 500                                | 3,27  | 3,31  | 3,34  | 3,35  | -     | -     | -     | -     | -     | -     | -     |
| 14 000                                | 3,30  | 3,33  | 3,35  | -     | -     | -     | -     | -     | -     | -     | -     |

**Belt width [in.]**

| 1/4  | 5/16 | 3/8  | 7/16 | 1/2  | 5/8  | 3/4  | 7/8  | 1 | 1 1/4 | 1 1/2 |
|------|------|------|------|------|------|------|------|---|-------|-------|
| 0,15 | 0,21 | 0,28 | 0,35 | 0,42 | 0,57 | 0,71 | 0,86 | 1 | 1,29  | 1,56  |

■ Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.  
■ For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings

## Section L (25,4 mm wide)

Table 8c

| Faster shaft speed<br>Number of teeth | Rated power per belt for small pulley pitch diameter [mm] |       |       |       |       |       |       |       |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                       | 12  | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    |
| Pitch diameter [mm]                   | 36,38   | 39,41 | 42,45 | 45,48 | 48,51 | 51,54 | 54,57 | 57,61 | 60,64 | 63,67 | 66,70 |
| r/min                                 | kW  |       |       |       |       |       |       |       |       |       |       |
| 100                                   | 0,05  | 0,05  | 0,05  | 0,06  | 0,06  | 0,07  | 0,07  | 0,07  | 0,08  | 0,08  | 0,08  |
| 200                                   | 0,09  | 0,10  | 0,11  | 0,12  | 0,12  | 0,13  | 0,14  | 0,15  | 0,15  | 0,16  | 0,17  |
| 400                                   | 0,18  | 0,20  | 0,21  | 0,23  | 0,25  | 0,26  | 0,28  | 0,29  | 0,31  | 0,32  | 0,34  |
| 600                                   | 0,28  | 0,30  | 0,32  | 0,35  | 0,37  | 0,39  | 0,41  | 0,44  | 0,46  | 0,48  | 0,51  |
| 720                                   | 0,33  | 0,36  | 0,39  | 0,41  | 0,44  | 0,47  | 0,50  | 0,52  | 0,55  | 0,58  | 0,61  |
| 800                                   | 0,37  | 0,40  | 0,43  | 0,46  | 0,49  | 0,52  | 0,55  | 0,58  | 0,61  | 0,64  | 0,67  |
| 960                                   | 0,44  | 0,48  | 0,51  | 0,55  | 0,59  | 0,62  | 0,66  | 0,70  | 0,73  | 0,77  | 0,81  |
| 1 000                                 | 0,46  | 0,50  | 0,54  | 0,57  | 0,61  | 0,65  | 0,69  | 0,73  | 0,76  | 0,80  | 0,84  |
| 1 200                                 | 0,55  | 0,60  | 0,64  | 0,69  | 0,73  | 0,78  | 0,83  | 0,87  | 0,92  | 0,96  | 1,01  |
| 1 400                                 | 0,64  | 0,70  | 0,75  | 0,80  | 0,86  | 0,91  | 0,96  | 1,01  | 1,07  | 1,12  | 1,17  |
| 1 440                                 | 0,66  | 0,72  | 0,77  | 0,83  | 0,88  | 0,93  | 0,99  | 1,04  | 1,10  | 1,15  | 1,20  |
| 1 600                                 | 0,73  | 0,80  | 0,86  | 0,92  | 0,98  | 1,04  | 1,10  | 1,16  | 1,22  | 1,28  | 1,33  |
| 1 800                                 | 0,83  | 0,89  | 0,96  | 1,03  | 1,10  | 1,16  | 1,23  | 1,30  | 1,36  | 1,43  | 1,50  |
| 2 000                                 | 0,92  | 0,99  | 1,07  | 1,14  | 1,22  | 1,29  | 1,36  | 1,44  | 1,51  | 1,58  | 1,66  |
| 2 200                                 | 1,01  | 1,09  | 1,17  | 1,25  | 1,33  | 1,42  | 1,50  | 1,58  | 1,66  | 1,74  | 1,82  |
| 2 400                                 | 1,10  | 1,19  | 1,28  | 1,36  | 1,45  | 1,54  | 1,63  | 1,71  | 1,80  | 1,89  | 1,97  |
| 2 600                                 | 1,19  | 1,28  | 1,38  | 1,47  | 1,57  | 1,66  | 1,76  | 1,85  | 1,94  | 2,03  | 2,12  |
| 2 800                                 | 1,28  | 1,38  | 1,48  | 1,58  | 1,69  | 1,79  | 1,89  | 1,99  | 2,08  | 2,18  | 2,28  |
| 2 880                                 | 1,31  | 1,42  | 1,52  | 1,63  | 1,73  | 1,84  | 1,94  | 2,04  | 2,14  | 2,24  | 2,34  |
| 3 000                                 | 1,36  | 1,47  | 1,58  | 1,69  | 1,80  | 1,91  | 2,01  | 2,12  | 2,22  | 2,32  | 2,42  |
| 3 200                                 | 1,45  | 1,57  | 1,69  | 1,80  | 1,91  | 2,03  | 2,14  | 2,25  | 2,36  | 2,46  | 2,57  |
| 3 400                                 | 1,54  | 1,66  | 1,79  | 1,91  | 2,03  | 2,15  | 2,26  | 2,38  | 2,49  | 2,60  | 2,71  |
| 3 600                                 | 1,63  | 1,76  | 1,89  | 2,01  | 2,14  | 2,26  | 2,38  | 2,50  | 2,62  | 2,74  | 2,85  |
| 3 800                                 | 1,71  | 1,85  | 1,99  | 2,12  | 2,25  | 2,38  | 2,50  | 2,63  | 2,75  | 2,87  | 2,99  |
| 4 000                                 | 1,80  | 1,94  | 2,08  | 2,22  | 2,36  | 2,49  | 2,62  | 2,75  | 2,88  | 3,00  | 3,12  |
| 4 200                                 | 1,89  | 2,03  | 2,18  | 2,32  | 2,46  | 2,60  | 2,74  | 2,87  | 3,00  | 3,13  | 3,25  |
| 4 400                                 | 1,97  | 2,12  | 2,28  | 2,42  | 2,57  | 2,71  | 2,85  | 2,99  | 3,12  | 3,25  | 3,37  |
| 4 600                                 | 2,06  | 2,21  | 2,37  | 2,52  | 2,67  | 2,82  | 2,96  | 3,10  | 3,24  | 3,37  | 3,49  |
| 4 800                                 | 2,14  | 2,30  | 2,46  | 2,62  | 2,78  | 2,93  | 3,07  | 3,21  | 3,35  | 3,48  | 3,61  |
| 5 000                                 | 2,22  | 2,39  | 2,56  | 2,72  | 2,88  | 3,03  | 3,18  | 3,32  | 3,46  | 3,59  | 3,72  |
| 5 200                                 | 2,30  | 2,48  | 2,65  | 2,81  | 2,98  | 3,13  | 3,28  | 3,43  | 3,57  | 3,70  | 3,83  |
| 5 400                                 | 2,38  | 2,56  | 2,74  | 2,91  | 3,07  | 3,23  | 3,38  | 3,53  | 3,67  | 3,80  | 3,93  |
| 5 600                                 | 2,46  | 2,65  | 2,83  | 3,00  | 3,17  | 3,33  | 3,48  | 3,63  | 3,77  | 3,90  | 4,02  |
| 5 800                                 | 2,54  | 2,73  | 2,91  | 3,09  | 3,26  | 3,42  | 3,58  | 3,72  | 3,86  | 3,99  | 4,11  |
| 6 000                                 | 2,62  | 2,81  | 3,00  | 3,18  | 3,35  | 3,51  | 3,67  | 3,82  | 3,95  | 4,08  | 4,20  |
| 6 200                                 | 2,70  | 2,90  | 3,08  | 3,27  | 3,44  | 3,60  | 3,76  | 3,90  | 4,04  | 4,16  | 4,28  |
| 6 400                                 | 2,78  | 2,98  | 3,17  | 3,35  | 3,53  | 3,69  | 3,84  | 3,99  | 4,12  | 4,24  | 4,35  |
| 6 600                                 | 2,85  | 3,05  | 3,25  | 3,43  | 3,61  | 3,77  | 3,93  | 4,07  | 4,20  | 4,31  | 4,42  |
| 6 800                                 | 2,93  | 3,13  | 3,33  | 3,51  | 3,69  | 3,85  | 4,01  | 4,14  | 4,27  | 4,38  | 4,48  |
| 7 000                                 | 3,00  | 3,21  | 3,41  | 3,59  | 3,77  | 3,93  | 4,08  | 4,22  | 4,34  | 4,44  | 4,53  |
| 7 200                                 | 3,07  | 3,28  | 3,48  | 3,67  | 3,84  | 4,01  | 4,15  | 4,28  | 4,40  | 4,50  | 4,58  |
| 7 400                                 | 3,14  | 3,36  | 3,56  | 3,74  | 3,92  | 4,08  | 4,22  | 4,35  | 4,46  | 4,55  | 4,62  |
| 7 600                                 | 3,21  | 3,43  | 3,63  | 3,82  | 3,99  | 4,14  | 4,28  | 4,41  | 4,51  | 4,59  | 4,65  |
| 7 800                                 | 3,28  | 3,50  | 3,70  | 3,89  | 4,06  | 4,21  | 4,34  | 4,46  | 4,55  | 4,63  | 4,68  |
| 8 000                                 | 3,35  | 3,57  | 3,77  | 3,95  | 4,12  | 4,27  | 4,40  | 4,51  | 4,59  | 4,66  | 4,70  |
| 8 200                                 | 3,42  | 3,63  | 3,84  | 4,02  | 4,18  | 4,33  | 4,45  | 4,55  | 4,63  | 4,68  | 4,71  |
| 8 400                                 | 3,48  | 3,70  | 3,90  | 4,08  | 4,24  | 4,38  | 4,50  | 4,59  | 4,66  | 4,70  | 4,71  |
| 8 600                                 | 3,55  | 3,76  | 3,96  | 4,14  | 4,30  | 4,43  | 4,54  | 4,62  | 4,68  | 4,71  | -     |
| 8 800                                 | 3,61  | 3,83  | 4,02  | 4,20  | 4,35  | 4,48  | 4,58  | 4,65  | 4,70  | 4,71  | -     |
| 9 000                                 | 3,67  | 3,89  | 4,08  | 4,25  | 4,40  | 4,52  | 4,61  | 4,68  | 4,71  | -     | -     |
| 9 200                                 | 3,73  | 3,94  | 4,14  | 4,30  | 4,45  | 4,56  | 4,64  | 4,69  | 4,71  | -     | -     |
| 9 400                                 | 3,79  | 4,00  | 4,19  | 4,35  | 4,49  | 4,59  | 4,67  | 4,70  | -     | -     | -     |
| 9 600                                 | 3,84  | 4,06  | 4,24  | 4,40  | 4,53  | 4,62  | 4,68  | 4,71  | -     | -     | -     |
| 9 800                                 | 3,90  | 4,11  | 4,29  | 4,44  | 4,56  | 4,65  | 4,70  | 0,00  | -     | -     | -     |
| 10 000                                | 3,95  | 4,16  | 4,34  | 4,48  | 4,59  | 4,67  | 4,71  | 0,00  | -     | -     | -     |
| 10 200                                | 4,01  | 4,21  | 4,38  | 4,52  | 4,62  | 4,69  | 4,71  | 0,00  | -     | -     | -     |
| 10 400                                | 4,06  | 4,26  | 4,42  | 4,55  | 4,65  | 4,70  | -     | -     | -     | -     | -     |
| 10 600                                | 4,11  | 4,30  | 4,46  | 4,58  | 4,67  | 4,71  | -     | -     | -     | -     | -     |
| 10 800                                | 4,15  | 4,34  | 4,50  | 4,61  | 4,68  | 4,71  | -     | -     | -     | -     | -     |
| 11 000                                | 4,20  | 4,38  | 4,53  | 4,64  | 4,70  | 0,00  | -     | -     | -     | -     | -     |
| 11 500                                | 4,30  | 4,48  | 4,60  | 4,68  | 4,71  | 0,00  | -     | -     | -     | -     | -     |
| 12 000                                | 4,40  | 4,55  | 4,66  | 4,71  | -     | -     | -     | -     | -     | -     | -     |
| 12 500                                | 4,48  | 4,62  | 4,69  | 4,71  | -     | -     | -     | -     | -     | -     | -     |
| 13 000                                | 4,55  | 4,66  | 4,71  | -     | -     | -     | -     | -     | -     | -     | -     |
| 13 500                                | 4,61  | 4,69  | 0,00  | -     | -     | -     | -     | -     | -     | -     | -     |
| 14 000                                | 4,66  | 4,71  | 0,00  | -     | -     | -     | -     | -     | -     | -     | -     |



| Belt width [in.] |      |      |      |      |      |   |       |       |       |      |       |      |       |      |      |     |
|------------------|------|------|------|------|------|---|-------|-------|-------|------|-------|------|-------|------|------|-----|
| 3/8              | 7/16 | 1/2  | 5/8  | 3/4  | 7/8  | 1 | 1 1/4 | 1 1/2 | 1 3/4 | 2    | 2 1/2 | 3    | 3 1/2 | 4    | 5    | 6   |
| Width multiplier |      |      |      |      |      |   |       |       |       |      |       |      |       |      |      |     |
| 0,28             | 0,35 | 0,42 | 0,57 | 0,71 | 0,86 | 1 | 1,29  | 1,56  | 1,84  | 2,14 | 2,72  | 3,36 | 4,06  | 4,76 | 6,15 | 7,5 |

■ Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.  
■ For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings

## Section L (25,4 mm wide)

Table 8d

| Faster shaft speed<br>Number of teeth | Rated power per belt for small pulley pitch diameter [mm] |       |       |       |       |       |       |       |       |       |        |
|---------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
|                                       | 23  | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | 32    | 33     |
| Pitch diameter [mm]                   | 69,73   | 72,77 | 75,80 | 78,83 | 81,86 | 84,89 | 87,93 | 90,96 | 93,99 | 97,02 | 100,05 |
| r/min                                 | kW  |       |       |       |       |       |       |       |       |       |        |
| 100                                   | 0,09  | 0,09  | 0,10  | 0,10  | 0,10  | 0,11  | 0,11  | 0,12  | 0,12  | 0,12  | 0,13   |
| 200                                   | 0,18  | 0,18  | 0,19  | 0,20  | 0,21  | 0,21  | 0,22  | 0,23  | 0,24  | 0,25  | 0,25   |
| 400                                   | 0,35  | 0,37  | 0,38  | 0,40  | 0,41  | 0,43  | 0,44  | 0,46  | 0,48  | 0,49  | 0,51   |
| 600                                   | 0,53  | 0,55  | 0,57  | 0,60  | 0,62  | 0,64  | 0,67  | 0,69  | 0,71  | 0,73  | 0,76   |
| 720                                   | 0,63  | 0,66  | 0,69  | 0,72  | 0,74  | 0,77  | 0,80  | 0,83  | 0,85  | 0,88  | 0,91   |
| 800                                   | 0,70  | 0,73  | 0,76  | 0,80  | 0,83  | 0,86  | 0,89  | 0,92  | 0,95  | 0,98  | 1,01   |
| 960                                   | 0,84  | 0,88  | 0,92  | 0,95  | 0,99  | 1,02  | 1,06  | 1,10  | 1,13  | 1,17  | 1,20   |
| 1 000                                 | 0,88  | 0,92  | 0,95  | 0,99  | 1,03  | 1,07  | 1,10  | 1,14  | 1,18  | 1,22  | 1,25   |
| 1 200                                 | 1,05  | 1,10  | 1,14  | 1,19  | 1,23  | 1,28  | 1,32  | 1,36  | 1,41  | 1,45  | 1,50   |
| 1 400                                 | 1,22  | 1,28  | 1,33  | 1,38  | 1,43  | 1,48  | 1,53  | 1,58  | 1,64  | 1,69  | 1,74   |
| 1 440                                 | 1,26  | 1,31  | 1,36  | 1,42  | 1,47  | 1,52  | 1,58  | 1,63  | 1,68  | 1,73  | 1,78   |
| 1 600                                 | 1,39  | 1,45  | 1,51  | 1,57  | 1,63  | 1,69  | 1,74  | 1,80  | 1,86  | 1,91  | 1,97   |
| 1 800                                 | 1,56  | 1,63  | 1,69  | 1,76  | 1,82  | 1,89  | 1,95  | 2,01  | 2,08  | 2,14  | 2,20   |
| 2 000                                 | 1,73  | 1,80  | 1,87  | 1,94  | 2,01  | 2,08  | 2,15  | 2,22  | 2,29  | 2,36  | 2,42   |
| 2 200                                 | 1,89  | 1,97  | 2,05  | 2,12  | 2,20  | 2,28  | 2,35  | 2,42  | 2,50  | 2,57  | 2,64   |
| 2 400                                 | 2,06  | 2,14  | 2,22  | 2,30  | 2,38  | 2,46  | 2,54  | 2,62  | 2,70  | 2,78  | 2,85   |
| 2 600                                 | 2,21  | 2,30  | 2,39  | 2,48  | 2,56  | 2,65  | 2,73  | 2,81  | 2,90  | 2,98  | 3,05   |
| 2 800                                 | 2,37  | 2,46  | 2,56  | 2,65  | 2,74  | 2,83  | 2,91  | 3,00  | 3,08  | 3,17  | 3,25   |
| 2 880                                 | 2,43  | 2,53  | 2,62  | 2,72  | 2,81  | 2,90  | 2,99  | 3,07  | 3,16  | 3,24  | 3,32   |
| 3 000                                 | 2,52  | 2,62  | 2,72  | 2,81  | 2,91  | 3,00  | 3,09  | 3,18  | 3,27  | 3,35  | 3,43   |
| 3 200                                 | 2,67  | 2,78  | 2,88  | 2,98  | 3,07  | 3,17  | 3,26  | 3,35  | 3,44  | 3,53  | 3,61   |
| 3 400                                 | 2,82  | 2,93  | 3,03  | 3,13  | 3,23  | 3,33  | 3,42  | 3,51  | 3,60  | 3,69  | 3,77   |
| 3 600                                 | 2,96  | 3,07  | 3,18  | 3,28  | 3,38  | 3,48  | 3,58  | 3,67  | 3,76  | 3,84  | 3,93   |
| 3 800                                 | 3,10  | 3,21  | 3,32  | 3,43  | 3,53  | 3,63  | 3,72  | 3,82  | 3,90  | 3,99  | 4,07   |
| 4 000                                 | 3,24  | 3,35  | 3,46  | 3,57  | 3,67  | 3,77  | 3,86  | 3,95  | 4,04  | 4,12  | 4,20   |
| 4 200                                 | 3,37  | 3,48  | 3,59  | 3,70  | 3,80  | 3,90  | 3,99  | 4,08  | 4,16  | 4,24  | 4,31   |
| 4 400                                 | 3,49  | 3,61  | 3,72  | 3,83  | 3,93  | 4,02  | 4,11  | 4,20  | 4,28  | 4,35  | 4,42   |
| 4 600                                 | 3,61  | 3,73  | 3,84  | 3,94  | 4,04  | 4,14  | 4,22  | 4,30  | 4,38  | 4,45  | 4,51   |
| 4 800                                 | 3,73  | 3,84  | 3,95  | 4,06  | 4,15  | 4,24  | 4,32  | 4,40  | 4,47  | 4,53  | 4,58   |
| 5 000                                 | 3,84  | 3,95  | 4,06  | 4,16  | 4,25  | 4,34  | 4,41  | 4,48  | 4,54  | 4,59  | 4,64   |
| 5 200                                 | 3,94  | 4,06  | 4,16  | 4,26  | 4,34  | 4,42  | 4,49  | 4,55  | 4,61  | 4,65  | 4,68   |
| 5 400                                 | 4,04  | 4,15  | 4,25  | 4,34  | 4,43  | 4,50  | 4,56  | 4,61  | 4,65  | 4,68  | 4,70   |
| 5 600                                 | 4,14  | 4,24  | 4,34  | 4,42  | 4,50  | 4,56  | 4,62  | 4,66  | 4,69  | 4,70  | 4,71   |
| 5 800                                 | 4,22  | 4,32  | 4,41  | 4,49  | 4,56  | 4,62  | 4,66  | 4,69  | 4,71  | 4,71  | -      |
| 6 000                                 | 4,30  | 4,40  | 4,48  | 4,55  | 4,61  | 4,66  | 4,69  | 4,71  | 4,71  | -     | -      |
| 6 200                                 | 4,38  | 4,47  | 4,54  | 4,61  | 4,65  | 4,69  | 4,71  | 4,71  | -     | -     | -      |
| 6 400                                 | 4,45  | 4,53  | 4,59  | 4,65  | 4,68  | 4,70  | 4,71  | -     | -     | -     | -      |
| 6 600                                 | 4,51  | 4,58  | 4,64  | 4,68  | 4,70  | 4,71  | -     | -     | -     | -     | -      |
| 6 800                                 | 4,56  | 4,62  | 4,67  | 4,70  | 4,71  | -     | -     | -     | -     | -     | -      |
| 7 000                                 | 4,60  | 4,66  | 4,69  | 4,71  | -     | -     | -     | -     | -     | -     | -      |
| 7 200                                 | 4,64  | 4,68  | 4,71  | -     | -     | -     | -     | -     | -     | -     | -      |
| 7 400                                 | 4,67  | 4,70  | 4,71  | -     | -     | -     | -     | -     | -     | -     | -      |
| 7 600                                 | 4,69  | 4,71  | -     | -     | -     | -     | -     | -     | -     | -     | -      |
| 7 800                                 | 4,71  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      |
| 8 000                                 | 4,71  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      |

**Belt width [in.]**

| 3/8                     | 7/16 | 1/2  | 5/8  | 3/4  | 7/8  | 1 | 1 1/4 | 1 1/2 | 1 3/4 | 2    | 2 1/2 | 3    | 3 1/2 | 4    | 5    | 6   |
|-------------------------|------|------|------|------|------|---|-------|-------|-------|------|-------|------|-------|------|------|-----|
| <b>Width multiplier</b> |      |      |      |      |      |   |       |       |       |      |       |      |       |      |      |     |
| 0,28                    | 0,35 | 0,42 | 0,57 | 0,71 | 0,86 | 1 | 1,29  | 1,56  | 1,84  | 2,14 | 2,72  | 3,36 | 4,06  | 4,76 | 6,15 | 7,5 |

- Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.
- For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings

## Section H (25,4 mm wide)

Table 8e

| Faster shaft speed<br>Number of teeth | Rated power per belt for small pulley pitch diameter [mm] |       |       |       |       |       |       |       |       |        |        |
|---------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
|                                       | 16  | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25     | 26     |
| Pitch diameter [mm]                   | 64,68   | 68,72 | 72,77 | 76,81 | 80,85 | 84,89 | 88,94 | 92,98 | 97,02 | 101,06 | 105,11 |
| r/min                                 | kW  |       |       |       |       |       |       |       |       |        |        |
| 100                                   | 0,21  | 0,22  | 0,23  | 0,25  | 0,26  | 0,27  | 0,29  | 0,30  | 0,31  | 0,33   | 0,34   |
| 200                                   | 0,42  | 0,44  | 0,47  | 0,50  | 0,52  | 0,55  | 0,57  | 0,60  | 0,63  | 0,65   | 0,68   |
| 300                                   | 0,63  | 0,66  | 0,70  | 0,74  | 0,78  | 0,82  | 0,86  | 0,90  | 0,94  | 0,98   | 1,02   |
| 400                                   | 0,83  | 0,89  | 0,94  | 0,99  | 1,04  | 1,09  | 1,15  | 1,20  | 1,25  | 1,30   | 1,35   |
| 500                                   | 1,04  | 1,11  | 1,17  | 1,24  | 1,30  | 1,37  | 1,43  | 1,50  | 1,56  | 1,63   | 1,69   |
| 600                                   | 1,25  | 1,33  | 1,41  | 1,48  | 1,56  | 1,64  | 1,72  | 1,79  | 1,87  | 1,95   | 2,03   |
| 700                                   | 1,46  | 1,55  | 1,64  | 1,73  | 1,82  | 1,91  | 2,00  | 2,09  | 2,18  | 2,27   | 2,36   |
| 720                                   | 1,50  | 1,59  | 1,69  | 1,78  | 1,87  | 1,97  | 2,06  | 2,15  | 2,25  | 2,34   | 2,43   |
| 800                                   | 1,67  | 1,77  | 1,87  | 1,98  | 2,08  | 2,18  | 2,29  | 2,39  | 2,49  | 2,60   | 2,70   |
| 900                                   | 1,87  | 1,99  | 2,11  | 2,22  | 2,34  | 2,45  | 2,57  | 2,69  | 2,80  | 2,92   | 3,03   |
| 960                                   | 2,00  | 2,12  | 2,25  | 2,37  | 2,49  | 2,62  | 2,74  | 2,86  | 2,99  | 3,11   | 3,23   |
| 1 000                                 | 2,08  | 2,21  | 2,34  | 2,47  | 2,60  | 2,72  | 2,85  | 2,98  | 3,11  | 3,24   | 3,37   |
| 1 200                                 | 2,49  | 2,65  | 2,80  | 2,96  | 3,11  | 3,26  | 3,42  | 3,57  | 3,72  | 3,88   | 4,03   |
| 1 400                                 | 2,90  | 3,08  | 3,26  | 3,44  | 3,62  | 3,80  | 3,98  | 4,15  | 4,33  | 4,51   | 4,68   |
| 1 440                                 | 2,99  | 3,17  | 3,36  | 3,54  | 3,72  | 3,91  | 4,09  | 4,27  | 4,45  | 4,63   | 4,81   |
| 1 600                                 | 3,31  | 3,52  | 3,72  | 3,93  | 4,13  | 4,33  | 4,53  | 4,73  | 4,93  | 5,13   | 5,33   |
| 1 800                                 | 3,72  | 3,95  | 4,18  | 4,41  | 4,63  | 4,86  | 5,08  | 5,31  | 5,53  | 5,75   | 5,97   |
| 2 000                                 | 4,13  | 4,38  | 4,63  | 4,88  | 5,13  | 5,38  | 5,63  | 5,87  | 6,12  | 6,36   | 6,60   |
| 2 200                                 | 4,53  | 4,81  | 5,08  | 5,36  | 5,63  | 5,90  | 6,16  | 6,43  | 6,70  | 6,96   | 7,22   |
| 2 400                                 | 4,93  | 5,23  | 5,53  | 5,82  | 6,12  | 6,41  | 6,70  | 6,98  | 7,27  | 7,55   | 7,83   |
| 2 600                                 | 5,33  | 5,65  | 5,97  | 6,29  | 6,60  | 6,91  | 7,22  | 7,52  | 7,83  | 8,13   | 8,42   |
| 2 800                                 | 5,73  | 6,07  | 6,41  | 6,74  | 7,08  | 7,41  | 7,73  | 8,06  | 8,38  | 8,69   | 9,00   |
| 2 880                                 | 5,88  | 6,23  | 6,58  | 6,93  | 7,27  | 7,60  | 7,94  | 8,27  | 8,59  | 8,92   | 9,23   |
| 3 000                                 | 6,12  | 6,48  | 6,84  | 7,20  | 7,55  | 7,90  | 8,24  | 8,58  | 8,92  | 9,25   | 9,57   |
| 3 200                                 | 6,50  | 6,89  | 7,27  | 7,64  | 8,01  | 8,38  | 8,74  | 9,09  | 9,44  | 9,78   | 10,12  |
| 3 400                                 | 6,89  | 7,29  | 7,69  | 8,08  | 8,47  | 8,85  | 9,22  | 9,59  | 9,95  | 10,31  | 10,66  |
| 3 600                                 | 7,27  | 7,69  | 8,10  | 8,51  | 8,92  | 9,31  | 9,70  | 10,08 | 10,45 | 10,82  | 11,17  |
| 3 800                                 | 7,64  | 8,08  | 8,51  | 8,94  | 9,35  | 9,76  | 10,16 | 10,55 | 10,94 | 11,31  | 11,67  |
| 4 000                                 | 8,01  | 8,47  | 8,92  | 9,35  | 9,78  | 10,21 | 10,62 | 11,02 | 11,40 | 11,78  | 12,15  |
| 4 200                                 | 8,38  | 8,85  | 9,31  | 9,76  | 10,21 | 10,64 | 11,05 | 11,46 | 11,86 | 12,24  | 12,60  |
| 4 400                                 | 8,74  | 9,22  | 9,70  | 10,16 | 10,62 | 11,05 | 11,48 | 11,89 | 12,29 | 12,67  | 13,04  |
| 4 600                                 | 9,09  | 9,59  | 10,08 | 10,55 | 11,02 | 11,46 | 11,89 | 12,31 | 12,71 | 13,09  | 13,45  |
| 4 800                                 | 9,44  | 9,95  | 10,45 | 10,94 | 11,40 | 11,86 | 12,29 | 12,71 | 13,10 | 13,48  | 13,84  |
| 5 000                                 | 9,78  | 10,31 | 10,82 | 11,31 | 11,78 | 12,24 | 12,67 | 13,09 | 13,48 | 13,85  | 14,20  |
| 5 200                                 | 10,12   | 10,66 | 11,17 | 11,67 | 12,15 | 12,60 | 13,04 | 13,45 | 13,84 | 14,20  | 14,53  |
| 5 400                                 | 10,45   | 11,00 | 11,52 | 12,02 | 12,50 | 12,96 | 13,39 | 13,79 | 14,17 | 14,52  | 14,84  |
| 5 600                                 | 10,78   | 11,33 | 11,86 | 12,36 | 12,84 | 13,29 | 13,72 | 14,12 | 14,48 | 14,82  | 15,12  |
| 5 800                                 | 11,09   | 11,65 | 12,18 | 12,69 | 13,17 | 13,61 | 14,03 | 14,42 | 14,77 | 15,09  | 15,37  |
| 6 000                                 | 11,40   | 11,97 | 12,50 | 13,00 | 13,48 | 13,92 | 14,33 | 14,70 | 15,04 | 15,33  | 15,59  |
| 6 200                                 | 11,71   | 12,27 | 12,81 | 13,31 | 13,78 | 14,21 | 14,61 | 14,96 | 15,28 | 15,55  | 15,78  |
| 6 400                                 | 12,00   | 12,57 | 13,10 | 13,60 | 14,06 | 14,48 | 14,86 | 15,20 | 15,49 | 15,74  | 15,93  |
| 6 600                                 | 12,29   | 12,86 | 13,39 | 13,88 | 14,33 | 14,74 | 15,10 | 15,41 | 15,68 | 15,89  | 16,05  |
| 6 800                                 | 12,57   | 13,13 | 13,66 | 14,14 | 14,58 | 14,97 | 15,31 | 15,60 | 15,84 | 16,02  | 16,14  |
| 7 000                                 | 12,84   | 13,40 | 13,92 | 14,39 | 14,82 | 15,19 | 15,51 | 15,77 | 15,97 | 16,11  | 16,19  |
| 7 200                                 | 13,10   | 13,66 | 14,17 | 14,63 | 15,04 | 15,39 | 15,68 | 15,91 | 16,08 | 16,17  | 16,20  |
| 7 400                                 | 13,36   | 13,91 | 14,41 | 14,85 | 15,24 | 15,56 | 15,83 | 16,02 | 16,15 | 16,20  | -      |
| 7 600                                 | 13,60   | 14,14 | 14,63 | 15,06 | 15,42 | 15,72 | 15,95 | 16,11 | 16,19 | -      | -      |
| 7 800                                 | 13,84   | 14,37 | 14,84 | 15,25 | 15,59 | 15,86 | 16,05 | 16,17 | 16,20 | -      | -      |
| 8 000                                 | 14,06   | 14,58 | 15,04 | 15,42 | 15,74 | 15,97 | 16,13 | 16,20 | -     | -      | -      |
| 8 200                                 | 14,28   | 14,78 | 15,22 | 15,58 | 15,86 | 16,06 | 16,18 | 16,20 | -     | -      | -      |
| 8 400                                 | 14,48   | 14,97 | 15,39 | 15,72 | 15,97 | 16,13 | 16,20 | -     | -     | -      | -      |
| 8 600                                 | 14,68   | 15,15 | 15,54 | 15,85 | 16,06 | 16,18 | -     | -     | -     | -      | -      |
| 8 800                                 | 14,86   | 15,31 | 15,68 | 15,95 | 16,13 | 16,20 | -     | -     | -     | -      | -      |
| 9 000                                 | 15,04   | 15,47 | 15,80 | 16,04 | 16,17 | -     | -     | -     | -     | -      | -      |
| 9 200                                 | 15,20   | 15,60 | 15,91 | 16,11 | 16,20 | -     | -     | -     | -     | -      | -      |
| 9 400                                 | 15,35   | 15,73 | 16,00 | 16,16 | 16,20 | -     | -     | -     | -     | -      | -      |
| 9 600                                 | 15,49   | 15,84 | 16,08 | 16,19 | -     | -     | -     | -     | -     | -      | -      |
| 9 800                                 | 15,62   | 15,94 | 16,13 | 16,20 | -     | -     | -     | -     | -     | -      | -      |
| 10 000                                | 15,74   | 16,02 | 16,17 | -     | -     | -     | -     | -     | -     | -      | -      |
| 10 200                                | 15,84   | 16,09 | 16,20 | -     | -     | -     | -     | -     | -     | -      | -      |
| 10 400                                | 15,93   | 16,14 | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 10 600                                | 16,01   | 16,18 | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 10 800                                | 16,08   | 16,20 | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| 11 000                                | 16,13   | 16,20 | -     | -     | -     | -     | -     | -     | -     | -      | -      |

Belt width [in.]

| 1/2              | 5/8  | 3/4  | 7/8  | 1 | 1 1/4 | 1 1/2 | 1 3/4 | 2    | 2 1/2 | 3    | 3 1/2 | 4    | 5    |
|------------------|------|------|------|---|-------|-------|-------|------|-------|------|-------|------|------|
| Width multiplier |      |      |      |   |       |       |       |      |       |      |       |      |      |
| 0,42             | 0,57 | 0,71 | 0,86 | 1 | 1,29  | 1,56  | 1,84  | 2,14 | 2,72  | 3,36 | 4,06  | 4,76 | 6,15 |

■ Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.  
 ■ For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.



# Power ratings

## Section H (25,4 mm wide)

Table 8f

| Faster shaft speed<br>Number of teeth 27 | Rated power per belt for small pulley pitch diameter [mm] |        |        |        |        |        |        |        |        |        |        |
|--|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|  | 28  | 29     | 30     | 31     | 32     | 33     | 34     | 35     | 36     | 37     |        |
| Pitch diameter [mm]                      | 109,15  | 113,19 | 117,23 | 121,28 | 125,32 | 129,36 | 133,40 | 137,45 | 141,49 | 145,53 | 149,57 |
| r/min                                    | kW  |        |        |        |        |        |        |        |        |        |        |
| 100                                      | 0,35  | 0,36   | 0,38   | 0,39   | 0,40   | 0,42   | 0,43   | 0,44   | 0,46   | 0,47   | 0,48   |
| 200                                      | 0,70  | 0,73   | 0,76   | 0,78   | 0,81   | 0,83   | 0,86   | 0,89   | 0,91   | 0,94   | 0,96   |
| 300                                      | 1,05  | 1,09   | 1,13   | 1,17   | 1,21   | 1,25   | 1,29   | 1,33   | 1,37   | 1,41   | 1,44   |
| 400                                      | 1,41  | 1,46   | 1,51   | 1,56   | 1,61   | 1,67   | 1,72   | 1,77   | 1,82   | 1,87   | 1,92   |
| 500                                      | 1,76  | 1,82   | 1,89   | 1,95   | 2,01   | 2,08   | 2,14   | 2,21   | 2,27   | 2,34   | 2,40   |
| 600                                      | 2,11  | 2,18   | 2,26   | 2,34   | 2,42   | 2,49   | 2,57   | 2,65   | 2,72   | 2,80   | 2,88   |
| 700                                      | 2,45  | 2,54   | 2,63   | 2,72   | 2,81   | 2,90   | 2,99   | 3,08   | 3,17   | 3,26   | 3,35   |
| 720                                      | 2,52  | 2,62   | 2,71   | 2,80   | 2,89   | 2,99   | 3,08   | 3,17   | 3,26   | 3,36   | 3,45   |
| 800                                      | 2,80  | 2,90   | 3,01   | 3,11   | 3,21   | 3,31   | 3,42   | 3,52   | 3,62   | 3,72   | 3,82   |
| 900                                      | 3,15  | 3,26   | 3,38   | 3,49   | 3,61   | 3,72   | 3,84   | 3,95   | 4,07   | 4,18   | 4,29   |
| 960                                      | 3,36  | 3,48   | 3,60   | 3,72   | 3,84   | 3,97   | 4,09   | 4,21   | 4,33   | 4,45   | 4,57   |
| 1 000                                    | 3,49  | 3,62   | 3,75   | 3,88   | 4,00   | 4,13   | 4,25   | 4,38   | 4,51   | 4,63   | 4,76   |
| 1 200                                    | 4,18  | 4,33   | 4,48   | 4,63   | 4,78   | 4,93   | 5,08   | 5,23   | 5,38   | 5,53   | 5,68   |
| 1 400                                    | 4,86  | 5,03   | 5,21   | 5,38   | 5,55   | 5,73   | 5,90   | 6,07   | 6,24   | 6,41   | 6,58   |
| 1 440                                    | 4,99  | 5,17   | 5,35   | 5,53   | 5,71   | 5,88   | 6,06   | 6,23   | 6,41   | 6,58   | 6,75   |
| 1 600                                    | 5,53  | 5,73   | 5,92   | 6,12   | 6,31   | 6,50   | 6,70   | 6,89   | 7,08   | 7,27   | 7,45   |
| 1 800                                    | 6,19  | 6,41   | 6,62   | 6,84   | 7,05   | 7,27   | 7,48   | 7,69   | 7,90   | 8,10   | 8,31   |
| 2 000                                    | 6,84  | 7,08   | 7,31   | 7,55   | 7,78   | 8,01   | 8,24   | 8,47   | 8,69   | 8,92   | 9,14   |
| 2 200                                    | 7,48  | 7,73   | 7,99   | 8,24   | 8,49   | 8,74   | 8,98   | 9,22   | 9,46   | 9,70   | 9,93   |
| 2 400                                    | 8,10  | 8,38   | 8,65   | 8,92   | 9,18   | 9,44   | 9,70   | 9,95   | 10,21  | 10,45  | 10,70  |
| 2 600                                    | 8,72  | 9,00   | 9,29   | 9,57   | 9,85   | 10,12  | 10,39  | 10,66  | 10,92  | 11,17  | 11,42  |
| 2 800                                    | 9,31  | 9,61   | 9,91   | 10,21  | 10,49  | 10,78  | 11,05  | 11,33  | 11,59  | 11,86  | 12,11  |
| 2 880                                    | 9,54  | 9,85   | 10,16  | 10,45  | 10,74  | 11,03  | 11,31  | 11,59  | 11,86  | 12,12  | 12,37  |
| 3 000                                    | 9,89  | 10,21  | 10,51  | 10,82  | 11,11  | 11,40  | 11,69  | 11,97  | 12,24  | 12,50  | 12,76  |
| 3 200                                    | 10,45   | 10,78  | 11,09  | 11,40  | 11,71  | 12,00  | 12,29  | 12,57  | 12,84  | 13,10  | 13,36  |
| 3 400                                    | 11,00   | 11,33  | 11,65  | 11,97  | 12,27  | 12,57  | 12,86  | 13,13  | 13,40  | 13,66  | 13,91  |
| 3 600                                    | 11,52   | 11,86  | 12,18  | 12,50  | 12,81  | 13,10  | 13,39  | 13,66  | 13,92  | 14,17  | 14,41  |
| 3 800                                    | 12,02   | 12,36  | 12,69  | 13,00  | 13,31  | 13,60  | 13,88  | 14,14  | 14,39  | 14,63  | 14,85  |
| 4 000                                    | 12,50   | 12,84  | 13,17  | 13,48  | 13,78  | 14,06  | 14,33  | 14,58  | 14,82  | 15,04  | 15,24  |
| 4 200                                    | 12,96   | 13,29  | 13,61  | 13,92  | 14,21  | 14,48  | 14,74  | 14,97  | 15,19  | 15,39  | 15,56  |
| 4 400                                    | 13,39   | 13,72  | 14,03  | 14,33  | 14,61  | 14,86  | 15,10  | 15,31  | 15,51  | 15,68  | 15,83  |
| 4 600                                    | 13,79   | 14,12  | 14,42  | 14,70  | 14,96  | 15,20  | 15,41  | 15,60  | 15,77  | 15,91  | 16,02  |
| 4 800                                    | 14,17   | 14,48  | 14,77  | 15,04  | 15,28  | 15,49  | 15,68  | 15,84  | 15,97  | 16,08  | 16,15  |
| 5 000                                    | 14,52   | 14,82  | 15,09  | 15,33  | 15,55  | 15,74  | 15,89  | 16,02  | 16,11  | 16,17  | 16,20  |
| 5 200                                    | 14,84   | 15,12  | 15,37  | 15,59  | 15,78  | 15,93  | 16,05  | 16,14  | 16,19  | 16,20  | 16,18  |
| 5 400                                    | 15,13   | 15,39  | 15,61  | 15,80  | 15,96  | 16,08  | 16,16  | 16,20  | 16,20  | -      | -      |
| 5 600                                    | 15,39   | 15,62  | 15,81  | 15,97  | 16,09  | 16,17  | 16,20  | -      | -      | -      | -      |
| 5 800                                    | 15,61   | 15,81  | 15,98  | 16,10  | 16,17  | 16,20  | -      | -      | -      | -      | -      |
| 6 000                                    | 15,80   | 15,97  | 16,10  | 16,17  | 16,20  | -      | -      | -      | -      | -      | -      |
| 6 200                                    | 15,96   | 16,09  | 16,17  | 16,20  | -      | -      | -      | -      | -      | -      | -      |
| 6 400                                    | 16,08   | 16,17  | 16,20  | -      | -      | -      | -      | -      | -      | -      | -      |
| 6 600                                    | 16,16   | 16,20  | -      | -      | -      | -      | -      | -      | -      | -      | -      |
| 6 800                                    | 16,20   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |
| 7 000                                    | 16,20   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |
| 7 200                                    | -   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |

**Belt width [in.]**

| 1/2                     | 5/8  | 3/4  | 7/8  | 1 | 1 1/4 | 1 1/2 | 1 3/4 | 2    | 2 1/2 | 3    | 3 1/2 | 4    | 5    |
|-------------------------|------|------|------|---|-------|-------|-------|------|-------|------|-------|------|------|
| <b>Width multiplier</b> |      |      |      |   |       |       |       |      |       |      |       |      |      |
| 0,42                    | 0,57 | 0,71 | 0,86 | 1 | 1,29  | 1,56  | 1,84  | 2,14 | 2,72  | 3,36 | 4,06  | 4,76 | 6,15 |

■ For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings

## Section XH (25,4 mm wide)

Table 8g

| Faster shaft speed  | Rated power per belt for small pulley pitch diameter [mm] |        |        |        |        |        |        |        |        |        |        |
|---------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | Number of teeth 22  | 23     | 24     | 25     | 26     | 27     | 28     | 29     | 30     | 31     | 32     |
| Pitch diameter [mm] | 155,64  | 162,71 | 169,79 | 176,86 | 183,94 | 191,01 | 198,08 | 205,16 | 212,23 | 219,31 | 226,38 |
| r/min               | kW  |        |        |        |        |        |        |        |        |        |        |
| 100                 | 0,68  | 0,72   | 0,75   | 0,78   | 0,81   | 0,84   | 0,87   | 0,90   | 0,93   | 0,96   | 1,00   |
| 200                 | 1,37  | 1,43   | 1,49   | 1,55   | 1,62   | 1,68   | 1,74   | 1,80   | 1,86   | 1,93   | 1,99   |
| 300                 | 2,05  | 2,14   | 2,24   | 2,33   | 2,42   | 2,51   | 2,61   | 2,70   | 2,79   | 2,88   | 2,97   |
| 400                 | 2,73  | 2,85   | 2,97   | 3,10   | 3,22   | 3,34   | 3,46   | 3,59   | 3,71   | 3,83   | 3,95   |
| 500                 | 3,40  | 3,56   | 3,71   | 3,86   | 4,01   | 4,16   | 4,31   | 4,47   | 4,62   | 4,77   | 4,92   |
| 600                 | 4,07  | 4,25   | 4,44   | 4,62   | 4,80   | 4,98   | 5,15   | 5,33   | 5,51   | 5,69   | 5,87   |
| 700                 | 4,74  | 4,95   | 5,15   | 5,36   | 5,57   | 5,78   | 5,98   | 6,19   | 6,39   | 6,59   | 6,80   |
| 720                 | 4,87  | 5,08   | 5,30   | 5,51   | 5,72   | 5,94   | 6,15   | 6,36   | 6,57   | 6,77   | 6,98   |
| 800                 | 5,39  | 5,63   | 5,87   | 6,10   | 6,33   | 6,57   | 6,80   | 7,03   | 7,25   | 7,48   | 7,71   |
| 900                 | 6,04  | 6,30   | 6,57   | 6,82   | 7,08   | 7,34   | 7,59   | 7,85   | 8,10   | 8,34   | 8,59   |
| 960                 | 6,43  | 6,70   | 6,98   | 7,25   | 7,53   | 7,79   | 8,06   | 8,33   | 8,59   | 8,85   | 9,11   |
| 1 000               | 6,68  | 6,97   | 7,25   | 7,54   | 7,82   | 8,10   | 8,37   | 8,64   | 8,91   | 9,18   | 9,45   |
| 1 100               | 7,31  | 7,62   | 7,93   | 8,23   | 8,54   | 8,83   | 9,13   | 9,42   | 9,71   | 9,99   | 10,27  |
| 1 200               | 7,93  | 8,26   | 8,59   | 8,91   | 9,24   | 9,55   | 9,86   | 10,17  | 10,47  | 10,77  | 11,07  |
| 1 400               | 9,13  | 9,50   | 9,86   | 10,22  | 10,57  | 10,92  | 11,26  | 11,59  | 11,91  | 12,23  | 12,54  |
| 1 440               | 9,36  | 9,74   | 10,11  | 10,47  | 10,83  | 11,18  | 11,52  | 11,86  | 12,18  | 12,50  | 12,81  |
| 1 600               | 10,27   | 10,67  | 11,07  | 11,45  | 11,82  | 12,18  | 12,54  | 12,88  | 13,21  | 13,53  | 13,83  |
| 1 800               | 11,35   | 11,77  | 12,18  | 12,58  | 12,96  | 13,33  | 13,68  | 14,02  | 14,34  | 14,65  | 14,93  |
| 2 000               | 12,36   | 12,79  | 13,21  | 13,60  | 13,98  | 14,34  | 14,68  | 15,00  | 15,29  | 15,56  | 15,81  |
| 2 200               | 13,29   | 13,72  | 14,13  | 14,51  | 14,87  | 15,20  | 15,51  | 15,79  | 16,04  | 16,26  | 16,44  |
| 2 400               | 14,13   | 14,55  | 14,93  | 15,29  | 15,61  | 15,91  | 16,16  | 16,38  | 16,56  | 16,70  | 16,81  |
| 2 600               | 14,87   | 15,26  | 15,61  | 15,93  | 16,20  | 16,43  | 16,61  | 16,75  | 16,84  | 16,88  | 16,87  |
| 2 800               | 15,51   | 15,86  | 16,16  | 16,41  | 16,61  | 16,76  | 16,85  | 16,88  | 16,86  | -      | -      |
| 2 880               | 15,74   | 16,06  | 16,34  | 16,56  | 16,73  | 16,84  | 16,88  | -      | -      | -      | -      |
| 3 000               | 16,04   | 16,33  | 16,56  | 16,73  | 16,84  | 16,88  | 16,86  | -      | -      | -      | -      |
| 3 200               | 16,44   | 16,66  | 16,81  | 16,88  | 16,87  | -      | -      | -      | -      | -      | -      |
| 3 400               | 16,72   | 16,85  | 16,88  | -      | -      | -      | -      | -      | -      | -      | -      |
| 3 600               | 16,87   | 16,88  | -      | -      | -      | -      | -      | -      | -      | -      | -      |

Table 8h

| Faster shaft speed  | Rated power per belt for small pulley pitch diameter [mm] |        |        |        |        |        |        |        |        |        |        |
|---------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | Number of teeth 33  | 34     | 35     | 36     | 37     | 38     | 39     | 40     | 41     | 42     | 43     |
| Pitch diameter [mm] | 233,46  | 240,53 | 247,61 | 254,68 | 261,75 | 268,83 | 275,90 | 282,98 | 290,05 | 297,13 | 304,20 |
| r/min               | kW  |        |        |        |        |        |        |        |        |        |        |
| 100                 | 1,03  | 1,06   | 1,09   | 1,12   | 1,15   | 1,18   | 1,21   | 1,24   | 1,28   | 1,31   | 1,34   |
| 200                 | 2,05  | 2,11   | 2,17   | 2,24   | 2,30   | 2,36   | 2,42   | 2,48   | 2,54   | 2,61   | 2,67   |
| 300                 | 3,07  | 3,16   | 3,25   | 3,34   | 3,43   | 3,53   | 3,62   | 3,71   | 3,80   | 3,89   | 3,98   |
| 400                 | 4,07  | 4,19   | 4,31   | 4,44   | 4,56   | 4,68   | 4,80   | 4,92   | 5,04   | 5,15   | 5,27   |
| 500                 | 5,07  | 5,21   | 5,36   | 5,51   | 5,66   | 5,81   | 5,95   | 6,10   | 6,25   | 6,39   | 6,54   |
| 600                 | 6,04  | 6,22   | 6,39   | 6,57   | 6,74   | 6,91   | 7,08   | 7,25   | 7,42   | 7,59   | 7,76   |
| 700                 | 7,00  | 7,20   | 7,40   | 7,59   | 7,79   | 7,98   | 8,18   | 8,37   | 8,56   | 8,75   | 8,94   |
| 720                 | 7,19  | 7,39   | 7,59   | 7,79   | 8,00   | 8,20   | 8,39   | 8,59   | 8,79   | 8,98   | 9,17   |
| 800                 | 7,93  | 8,15   | 8,37   | 8,59   | 8,81   | 9,02   | 9,24   | 9,45   | 9,66   | 9,86   | 10,07  |
| 900                 | 8,83  | 9,08   | 9,31   | 9,55   | 9,79   | 10,02  | 10,25  | 10,47  | 10,70  | 10,92  | 11,14  |
| 960                 | 9,36  | 9,61   | 9,86   | 10,11  | 10,35  | 10,59  | 10,83  | 11,07  | 11,30  | 11,52  | 11,75  |
| 1 000               | 9,71  | 9,97   | 10,22  | 10,47  | 10,72  | 10,97  | 11,21  | 11,45  | 11,68  | 11,91  | 12,14  |
| 1 100               | 10,55   | 10,82  | 11,09  | 11,35  | 11,61  | 11,87  | 12,12  | 12,36  | 12,60  | 12,83  | 13,06  |
| 1 200               | 11,35   | 11,64  | 11,91  | 12,18  | 12,45  | 12,71  | 12,96  | 13,21  | 13,45  | 13,68  | 13,91  |
| 1 400               | 12,83   | 13,13  | 13,41  | 13,68  | 13,95  | 14,20  | 14,44  | 14,68  | 14,90  | 15,12  | 15,32  |
| 1 440               | 13,11   | 13,40  | 13,68  | 13,95  | 14,21  | 14,46  | 14,70  | 14,93  | 15,15  | 15,36  | 15,55  |
| 1 600               | 14,13   | 14,41  | 14,68  | 14,93  | 15,18  | 15,40  | 15,61  | 15,81  | 15,99  | 16,16  | 16,31  |
| 1 800               | 15,20   | 15,46  | 15,69  | 15,91  | 16,10  | 16,28  | 16,43  | 16,56  | 16,67  | 16,76  | 16,83  |
| 2 000               | 16,04   | 16,24  | 16,41  | 16,56  | 16,68  | 16,78  | 16,84  | 16,88  | 16,88  | 16,86  | -      |
| 2 200               | 16,60   | 16,72  | 16,81  | 16,87  | 16,88  | 16,87  | -      | -      | -      | -      | -      |
| 2 400               | 16,87   | 16,88  | 16,86  | -      | -      | -      | -      | -      | -      | -      | -      |

| Belt width [in.] | 1 1/4 | 1 1/2 | 1 3/4 | 2    | 2 1/2 | 3    | 3 1/2 | 4    | 5    | 6    |     |
|------------------|-------|-------|-------|------|-------|------|-------|------|------|------|-----|
| Width multiplier | 1     | 1,29  | 1,56  | 1,84 | 2,14  | 2,72 | 3,36  | 4,06 | 4,76 | 6,15 | 7,5 |

■ Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.  
 ■ For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings

## Section XXH (25,4 mm wide)

Table 8i

| Faster shaft speed  | Rated power per belt for small pulley pitch diameter [mm] |        |        |        |        |        |        |        |        |        |        |    |
|---------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|
|                     | Number of teeth   | 48     | 49     | 50     | 51     | 52     | 53     | 54     | 55     | 56     | 57     | 58 |
| Pitch diameter [mm] | 485,10  | 495,21 | 505,32 | 515,42 | 525,53 | 535,64 | 545,74 | 555,85 | 565,96 | 576,06 | 586,17 |    |
| r/min               | kW  |        |        |        |        |        |        |        |        |        |        |    |
| 100                 | 2,61  | 2,66   | 2,71   | 2,77   | 2,82   | 2,88   | 2,93   | 2,98   | 3,04   | 3,09   | 3,14   |    |
| 200                 | 5,17  | 5,28   | 5,38   | 5,49   | 5,59   | 5,70   | 5,80   | 5,91   | 6,01   | 6,12   | 6,22   |    |
| 300                 | 7,66  | 7,81   | 7,96   | 8,11   | 8,26   | 8,41   | 8,56   | 8,71   | 8,86   | 9,01   | 9,16   |    |
| 400                 | 10,03   | 10,22  | 10,41  | 10,60  | 10,79  | 10,97  | 11,16  | 11,34  | 11,53  | 11,71  | 11,89  |    |
| 500                 | 12,24   | 12,46  | 12,68  | 12,90  | 13,11  | 13,32  | 13,53  | 13,74  | 13,94  | 14,14  | 14,34  |    |
| 600                 | 14,26   | 14,50  | 14,73  | 14,96  | 15,18  | 15,41  | 15,62  | 15,84  | 16,04  | 16,25  | 16,45  |    |
| 700                 | 16,04   | 16,28  | 16,51  | 16,74  | 16,96  | 17,17  | 17,38  | 17,58  | 17,77  | 17,96  | 18,14  |    |
| 720                 | 16,37   | 16,61  | 16,84  | 17,06  | 17,27  | 17,48  | 17,69  | 17,88  | 18,07  | 18,25  | 18,42  |    |
| 800                 | 17,55   | 17,77  | 17,99  | 18,19  | 18,39  | 18,57  | 18,75  | 18,91  | 19,07  | 19,22  | 19,35  |    |
| 900                 | 18,75   | 18,93  | 19,11  | 19,27  | 19,42  | 19,55  | 19,67  | 19,78  | 19,87  | 19,95  | 20,01  |    |
| 960                 | 19,30   | 19,45  | 19,59  | 19,71  | 19,82  | 19,91  | 19,99  | 20,04  | 20,08  | 20,10  | 20,11  |    |
| 1 000               | 19,59   | 19,72  | 19,83  | 19,92  | 20,00  | 20,05  | 20,09  | 20,11  | 20,11  | -      | -      |    |
| 1 100               | 20,04   | 20,09  | 20,11  | 20,11  | 20,08  | -      | -      | -      | -      | -      | -      |    |
| 1 200               | 20,06   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |    |

Table 8j

| Faster shaft speed  | Rated power per belt for small pulley pitch diameter [mm] |        |        |        |        |        |        |        |        |        |        |    |
|---------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|
|                     | Number of teeth   | 59     | 60     | 61     | 62     | 63     | 64     | 65     | 66     | 67     | 68     | 69 |
| Pitch diameter [mm] | 596,27  | 606,38 | 616,49 | 626,59 | 636,70 | 646,81 | 656,91 | 667,02 | 677,13 | 687,23 | 697,34 |    |
| r/min               | kW  |        |        |        |        |        |        |        |        |        |        |    |
| 100                 | 3,20  | 3,25   | 3,31   | 3,36   | 3,41   | 3,47   | 3,52   | 3,57   | 3,63   | 3,68   | 3,74   |    |
| 200                 | 6,32  | 6,43   | 6,53   | 6,63   | 6,74   | 6,84   | 6,94   | 7,05   | 7,15   | 7,25   | 7,35   |    |
| 300                 | 9,30  | 9,45   | 9,60   | 9,74   | 9,89   | 10,03  | 10,17  | 10,32  | 10,46  | 10,60  | 10,74  |    |
| 400                 | 12,07   | 12,24  | 12,42  | 12,59  | 12,77  | 12,94  | 13,11  | 13,28  | 13,45  | 13,61  | 13,78  |    |
| 500                 | 14,54   | 14,73  | 14,92  | 15,11  | 15,30  | 15,48  | 15,66  | 15,84  | 16,01  | 16,18  | 16,35  |    |
| 600                 | 16,64   | 16,84  | 17,02  | 17,20  | 17,38  | 17,55  | 17,72  | 17,88  | 18,04  | 18,19  | 18,34  |    |
| 700                 | 18,32   | 18,48  | 18,64  | 18,79  | 18,93  | 19,07  | 19,20  | 19,32  | 19,43  | 19,54  | 19,63  |    |
| 720                 | 18,59   | 18,75  | 18,90  | 19,04  | 19,17  | 19,30  | 19,42  | 19,52  | 19,62  | 19,71  | 19,80  |    |
| 800                 | 19,48   | 19,59  | 19,69  | 19,79  | 19,87  | 19,94  | 20,00  | 20,04  | 20,08  | 20,10  | 20,11  |    |
| 900                 | 20,06   | 20,09  | 20,11  | 20,11  | 20,09  | 20,06  | 20,02  | -      | -      | -      | -      |    |
| 960                 | 20,10   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |    |
| 1 000               | -   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |    |
| 1 100               | -   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |    |
| 1 200               | -   | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |    |

| Belt width [in.] | 1 1/4 | 1 1/2 | 1 3/4 | 2    | 2 1/2 | 3    | 3 1/2 | 4    | 5    | 6    | 7   | 8    |       |
|------------------|-------|-------|-------|------|-------|------|-------|------|------|------|-----|------|-------|
| Width multiplier | 1     | 1,29  | 1,56  | 1,84 | 2,14  | 2,72 | 3,36  | 4,06 | 4,76 | 6,15 | 7,5 | 8,89 | 10,32 |

■ Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.  
■ For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.



# Power ratings

## Section 5M (15 mm wide)

Table 8k

| Faster shaft speed  | Rated power per belt for small pulley pitch diameter [mm] |       |       |       |       |       |       |       |       |       |       |    |
|---------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
|                     | Number of teeth   | 12    | 14    | 15    | 16    | 18    | 20    | 21    | 22    | 24    | 26    | 28 |
| Pitch diameter [mm] | 19,09   | 22,28 | 23,87 | 25,46 | 28,64 | 31,83 | 33,42 | 35,01 | 38,19 | 41,38 | 44,56 |    |
| r/min               | kW  |       |       |       |       |       |       |       |       |       |       |    |
| 100                 | 0,04  | 0,04  | 0,05  | 0,05  | 0,06  | 0,07  | 0,07  | 0,08  | 0,09  | 0,10  | 0,10  |    |
| 200                 | 0,06  | 0,07  | 0,08  | 0,09  | 0,11  | 0,13  | 0,13  | 0,14  | 0,16  | 0,18  | 0,19  |    |
| 300                 | 0,07  | 0,10  | 0,11  | 0,12  | 0,15  | 0,18  | 0,19  | 0,20  | 0,23  | 0,25  | 0,27  |    |
| 400                 | 0,08  | 0,12  | 0,14  | 0,15  | 0,19  | 0,22  | 0,24  | 0,25  | 0,29  | 0,32  | 0,35  |    |
| 500                 | 0,09  | 0,14  | 0,16  | 0,18  | 0,22  | 0,26  | 0,28  | 0,31  | 0,35  | 0,39  | 0,43  |    |
| 600                 | 0,10  | 0,15  | 0,18  | 0,20  | 0,25  | 0,30  | 0,33  | 0,36  | 0,41  | 0,45  | 0,50  |    |
| 700                 | 0,10  | 0,16  | 0,19  | 0,22  | 0,28  | 0,34  | 0,37  | 0,40  | 0,46  | 0,52  | 0,58  |    |
| 720                 | 0,10  | 0,17  | 0,20  | 0,23  | 0,29  | 0,35  | 0,38  | 0,41  | 0,47  | 0,53  | 0,59  |    |
| 800                 | 0,11  | 0,18  | 0,21  | 0,24  | 0,31  | 0,38  | 0,41  | 0,45  | 0,51  | 0,58  | 0,65  |    |
| 900                 | 0,11  | 0,19  | 0,22  | 0,26  | 0,34  | 0,42  | 0,45  | 0,49  | 0,57  | 0,64  | 0,72  |    |
| 960                 | 0,11  | 0,19  | 0,23  | 0,27  | 0,36  | 0,44  | 0,48  | 0,52  | 0,60  | 0,68  | 0,76  |    |
| 1000                | 0,11  | 0,20  | 0,24  | 0,28  | 0,37  | 0,45  | 0,49  | 0,54  | 0,62  | 0,70  | 0,78  |    |
| 1 100               | -   | 0,20  | 0,25  | 0,30  | 0,39  | 0,49  | 0,53  | 0,58  | 0,67  | 0,76  | 0,85  |    |
| 1 200               | -   | 0,21  | 0,26  | 0,31  | 0,42  | 0,52  | 0,57  | 0,62  | 0,72  | 0,82  | 0,92  |    |
| 1 400               | -   | 0,22  | 0,28  | 0,34  | 0,46  | 0,58  | 0,64  | 0,70  | 0,81  | 0,93  | 1,04  |    |
| 1 440               | -   | 0,22  | 0,29  | 0,35  | 0,47  | 0,59  | 0,65  | 0,71  | 0,83  | 0,95  | 1,07  |    |
| 1 600               | -   | 0,23  | 0,30  | 0,37  | 0,50  | 0,64  | 0,71  | 0,77  | 0,91  | 1,04  | 1,17  |    |
| 1 800               | -   | 0,23  | 0,31  | 0,39  | 0,54  | 0,70  | 0,77  | 0,85  | 1,00  | 1,14  | 1,29  |    |
| 2 000               | -   | 0,24  | 0,32  | 0,41  | 0,58  | 0,75  | 0,83  | 0,92  | 1,08  | 1,25  | 1,41  |    |
| 2 200               | -   | 0,24  | 0,33  | 0,43  | 0,62  | 0,80  | 0,89  | 0,99  | 1,17  | 1,35  | 1,53  |    |
| 2 400               | -   | -     | 0,34  | 0,44  | 0,65  | 0,85  | 0,95  | 1,05  | 1,25  | 1,45  | 1,64  |    |
| 2 600               | -   | -     | 0,35  | 0,46  | 0,68  | 0,90  | 1,01  | 1,12  | 1,33  | 1,54  | 1,75  |    |
| 2 800               | -   | -     | 0,35  | 0,47  | 0,71  | 0,94  | 1,06  | 1,18  | 1,41  | 1,64  | 1,86  |    |
| 2 880               | -   | -     | 0,35  | 0,47  | 0,72  | 0,96  | 1,08  | 1,20  | 1,44  | 1,67  | 1,91  |    |
| 3 000               | -   | -     | 0,35  | 0,48  | 0,74  | 0,99  | 1,11  | 1,24  | 1,49  | 1,73  | 1,97  |    |
| 3 200               | -   | -     | 0,35  | 0,49  | 0,76  | 1,03  | 1,16  | 1,30  | 1,56  | 1,82  | 2,08  |    |
| 3 400               | -   | -     | -     | 0,50  | 0,79  | 1,07  | 1,21  | 1,35  | 1,63  | 1,91  | 2,18  |    |
| 3 600               | -   | -     | -     | 0,50  | 0,81  | 1,11  | 1,26  | 1,41  | 1,70  | 2,00  | 2,29  |    |
| 3 800               | -   | -     | -     | 0,51  | 0,83  | 1,15  | 1,31  | 1,46  | 1,77  | 2,08  | 2,39  |    |
| 4 000               | -   | -     | -     | 0,51  | 0,85  | 1,18  | 1,35  | 1,52  | 1,84  | 2,17  | 2,49  |    |
| 4 200               | -   | -     | -     | 0,51  | 0,87  | 1,22  | 1,39  | 1,57  | 1,91  | 2,25  | 2,58  |    |
| 4 400               | -   | -     | -     | -     | 0,89  | 1,25  | 1,44  | 1,62  | 1,98  | 2,33  | 2,68  |    |
| 4 600               | -   | -     | -     | -     | 0,90  | 1,29  | 1,48  | 1,67  | 2,04  | 2,41  | 2,77  |    |
| 4 800               | -   | -     | -     | -     | 0,92  | 1,32  | 1,52  | 1,71  | 2,10  | 2,49  | 2,87  |    |
| 5 000               | -   | -     | -     | -     | 0,93  | 1,35  | 1,55  | 1,76  | 2,16  | 2,56  | 2,96  |    |
| 5 200               | -   | -     | -     | -     | 0,95  | 1,38  | 1,59  | 1,80  | 2,22  | 2,64  | 3,05  |    |
| 5 400               | -   | -     | -     | -     | 0,96  | 1,41  | 1,63  | 1,85  | 2,28  | 2,71  | 3,13  |    |
| 5 600               | -   | -     | -     | -     | 0,97  | 1,43  | 1,66  | 1,89  | 2,34  | 2,78  | 3,22  |    |
| 5 800               | -   | -     | -     | -     | 0,98  | 1,46  | 1,70  | 1,93  | 2,40  | 2,86  | 3,31  |    |
| 6 000               | -   | -     | -     | -     | 0,99  | 1,48  | 1,73  | 1,97  | 2,45  | 2,92  | 3,39  |    |
| 6 200               | -   | -     | -     | -     | 1,00  | 1,51  | 1,76  | 2,01  | 2,51  | 2,99  | 3,47  |    |
| 6 400               | -   | -     | -     | -     | 1,00  | 1,53  | 1,79  | 2,05  | 2,56  | 3,06  | 3,55  |    |
| 6 600               | -   | -     | -     | -     | 1,01  | 1,55  | 1,82  | 2,08  | 2,56  | 3,12  | 3,63  |    |
| 6 800               | -   | -     | -     | -     | 1,01  | 1,57  | 1,85  | 2,12  | 2,66  | 3,19  | 3,70  |    |
| 7 000               | -   | -     | -     | -     | 1,02  | 1,59  | 1,87  | 2,15  | 2,71  | 3,25  | 3,78  |    |
| 7 200               | -   | -     | -     | -     | 1,02  | 1,61  | 1,90  | 2,19  | 2,75  | 3,31  | 3,85  |    |
| 7 400               | -   | -     | -     | -     | 1,03  | 1,63  | 1,93  | 2,22  | 2,80  | 3,37  | 3,92  |    |
| 7 600               | -   | -     | -     | -     | 1,03  | 1,64  | 1,95  | 2,25  | 2,84  | 3,43  | 3,99  |    |
| 7 800               | -   | -     | -     | -     | 1,03  | 1,66  | 1,97  | 2,28  | 2,89  | 3,48  | 4,06  |    |
| 8 000               | -   | -     | -     | -     | 1,03  | 1,67  | 1,99  | 2,31  | 2,93  | 3,54  | 4,13  |    |
| 8 200               | -   | -     | -     | -     | -     | 1,69  | 2,01  | 2,34  | 2,97  | 3,59  | 4,19  |    |
| 8 400               | -   | -     | -     | -     | -     | 1,70  | 2,03  | 2,36  | 3,01  | 3,64  | 4,26  |    |
| 8 600               | -   | -     | -     | -     | -     | 1,71  | 2,05  | 2,39  | 3,05  | 3,69  | 4,32  |    |
| 8 800               | -   | -     | -     | -     | -     | 1,72  | 2,07  | 2,41  | 3,09  | 3,74  | 4,38  |    |
| 9 000               | -   | -     | -     | -     | -     | 1,73  | 2,09  | 2,44  | 3,12  | 3,79  | 4,43  |    |
| 9 200               | -   | -     | -     | -     | -     | 1,74  | 2,10  | 2,46  | 3,16  | 3,83  | 4,49  |    |
| 9 400               | -   | -     | -     | -     | -     | 1,75  | 2,12  | 2,48  | 3,19  | 3,88  | 4,54  |    |
| 9 600               | -   | -     | -     | -     | -     | 1,76  | 2,13  | 2,50  | 3,22  | 3,92  | 4,60  |    |
| 9 800               | -   | -     | -     | -     | -     | 1,76  | 2,14  | 2,52  | 3,25  | 3,96  | 4,65  |    |
| 10 000              | -   | -     | -     | -     | -     | 1,77  | 2,15  | 2,53  | 3,28  | 4,00  | 4,69  |    |
| 10 200              | -   | -     | -     | -     | -     | 1,77  | 2,16  | 2,55  | 3,31  | 4,04  | 4,74  |    |
| 10 400              | -   | -     | -     | -     | -     | 1,78  | 2,17  | 2,57  | 3,33  | 4,07  | 4,79  |    |
| 10 600              | -   | -     | -     | -     | -     | 1,78  | 2,18  | 2,58  | 3,36  | 4,11  | 4,83  |    |
| 10 800              | -   | -     | -     | -     | -     | 1,78  | 2,19  | 2,59  | 3,38  | 4,14  | 4,87  |    |
| 11 000              | -   | -     | -     | -     | -     | 1,78  | 2,19  | 2,60  | 3,40  | 4,17  | 4,91  |    |
| 11 200              | -   | -     | -     | -     | -     | -     | 2,20  | 2,61  | 3,42  | 4,20  | 4,94  |    |
| 11 400              | -   | -     | -     | -     | -     | -     | 2,20  | 2,62  | 3,44  | 4,23  | 4,98  |    |



|                  |    |      |
|------------------|----|------|
| Belt width [mm]  |    |      |
| 9                | 15 | 25   |
| Width multiplier |    |      |
| 0,558            | 1  | 1,79 |

For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings

## Section 5M (15 mm wide)

Table 8l

| Faster shaft speed  | Rated power per belt for small pulley pitch diameter [mm] |       |       |       |       |       |       |       |       |       |        |
|---------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
|                     | Number of teeth 30  | 32    | 34    | 36    | 38    | 40    | 44    | 48    | 56    | 60    | 64     |
| Pitch diameter [mm] | 47,74   | 50,92 | 54,11 | 57,29 | 60,47 | 63,66 | 70,02 | 76,39 | 89,12 | 95,49 | 101,85 |
| r/min               | kW  |       |       |       |       |       |       |       |       |       |        |
| 100                 | 0,11  | 0,12  | 0,13  | 0,14  | 0,14  | 0,15  | 0,17  | 0,18  | 0,21  | 0,22  | 0,24   |
| 200                 | 0,21  | 0,22  | 0,24  | 0,26  | 0,27  | 0,29  | 0,32  | 0,35  | 0,41  | 0,43  | 0,46   |
| 300                 | 0,30  | 0,32  | 0,35  | 0,37  | 0,39  | 0,42  | 0,46  | 0,51  | 0,59  | 0,64  | 0,68   |
| 400                 | 0,39  | 0,42  | 0,45  | 0,48  | 0,51  | 0,54  | 0,60  | 0,66  | 0,78  | 0,84  | 0,89   |
| 500                 | 0,47  | 0,51  | 0,55  | 0,59  | 0,63  | 0,67  | 0,74  | 0,82  | 0,96  | 1,03  | 1,10   |
| 600                 | 0,55  | 0,60  | 0,65  | 0,70  | 0,74  | 0,79  | 0,88  | 0,97  | 1,14  | 1,23  | 1,31   |
| 700                 | 0,63  | 0,69  | 0,74  | 0,80  | 0,85  | 0,91  | 1,01  | 1,12  | 1,32  | 1,42  | 1,51   |
| 720                 | 0,65  | 0,71  | 0,76  | 0,82  | 0,88  | 0,93  | 1,04  | 1,15  | 1,36  | 1,46  | 1,55   |
| 800                 | 0,71  | 0,77  | 0,84  | 0,90  | 0,96  | 1,03  | 1,15  | 1,27  | 1,50  | 1,61  | 1,72   |
| 900                 | 0,79  | 0,86  | 0,93  | 1,00  | 1,07  | 1,14  | 1,28  | 1,41  | 1,67  | 1,80  | 1,92   |
| 960                 | 0,83  | 0,91  | 0,99  | 1,06  | 1,14  | 1,21  | 1,36  | 1,50  | 1,78  | 1,91  | 2,04   |
| 1 000               | 0,86  | 0,94  | 1,02  | 1,10  | 1,18  | 1,26  | 1,41  | 1,56  | 1,84  | 1,98  | 2,12   |
| 1 100               | 0,94  | 1,03  | 1,11  | 1,20  | 1,29  | 1,37  | 1,54  | 1,70  | 2,02  | 2,17  | 2,32   |
| 1 200               | 1,01  | 1,11  | 1,20  | 1,30  | 1,39  | 1,48  | 1,66  | 1,84  | 2,19  | 2,35  | 2,52   |
| 1 400               | 1,16  | 1,27  | 1,38  | 1,49  | 1,60  | 1,71  | 1,92  | 2,12  | 2,52  | 2,72  | 2,91   |
| 1 440               | 1,18  | 1,30  | 1,41  | 1,53  | 1,64  | 1,75  | 1,97  | 2,18  | 2,59  | 2,79  | 2,98   |
| 1 600               | 1,30  | 1,43  | 1,55  | 1,68  | 1,80  | 1,92  | 2,16  | 2,40  | 2,86  | 3,08  | 3,29   |
| 1 800               | 1,44  | 1,58  | 1,72  | 1,86  | 2,00  | 2,14  | 2,41  | 2,67  | 3,18  | 3,43  | 3,67   |
| 2 000               | 1,57  | 1,73  | 1,89  | 2,04  | 2,20  | 2,35  | 2,65  | 2,94  | 3,51  | 3,78  | 4,04   |
| 2 200               | 1,70  | 1,88  | 2,05  | 2,22  | 2,39  | 2,56  | 2,89  | 3,21  | 3,83  | 4,12  | 4,41   |
| 2 400               | 1,83  | 2,02  | 2,21  | 2,40  | 2,58  | 2,76  | 3,12  | 3,47  | 4,14  | 4,46  | 4,77   |
| 2 600               | 1,96  | 2,17  | 2,37  | 2,57  | 2,77  | 2,97  | 3,35  | 3,73  | 4,45  | 4,80  | 5,13   |
| 2 800               | 2,09  | 2,31  | 2,53  | 2,74  | 2,96  | 3,17  | 3,58  | 3,98  | 4,75  | 5,12  | 5,48   |
| 2 880               | 2,14  | 2,36  | 2,59  | 2,81  | 3,03  | 3,25  | 3,67  | 4,08  | 4,88  | 5,25  | 5,62   |
| 3 000               | 2,21  | 2,45  | 2,68  | 2,91  | 3,14  | 3,37  | 3,81  | 4,23  | 5,05  | 5,45  | 5,82   |
| 3 200               | 2,33  | 2,58  | 2,83  | 3,08  | 3,32  | 3,56  | 4,03  | 4,48  | 5,35  | 5,76  | 6,16   |
| 3 400               | 2,45  | 2,72  | 2,98  | 3,24  | 3,50  | 3,75  | 4,25  | 4,73  | 5,64  | 6,07  | 6,49   |
| 3 600               | 2,57  | 2,85  | 3,13  | 3,40  | 3,67  | 3,94  | 4,46  | 4,97  | 5,92  | 6,38  | 6,81   |
| 3 800               | 2,69  | 2,98  | 3,28  | 3,56  | 3,85  | 4,13  | 4,67  | 5,20  | 6,20  | 6,67  | 7,12   |
| 4 000               | 2,80  | 3,11  | 3,42  | 3,72  | 4,02  | 4,31  | 4,88  | 5,43  | 6,48  | 6,96  | 7,43   |
| 4 200               | 2,91  | 3,24  | 3,56  | 3,87  | 4,19  | 4,49  | 5,09  | 5,66  | 6,74  | 7,25  | 7,73   |
| 4 400               | 3,02  | 3,36  | 3,70  | 4,03  | 4,35  | 4,67  | 5,29  | 5,89  | 7,00  | 7,53  | 8,02   |
| 4 600               | 3,13  | 3,49  | 3,83  | 4,18  | 4,51  | 4,84  | 5,49  | 6,10  | 7,26  | 7,80  | 8,30   |
| 4 800               | 3,24  | 3,61  | 3,97  | 4,32  | 4,67  | 5,02  | 5,68  | 6,32  | 7,51  | 8,06  | 8,57   |
| 5 000               | 3,35  | 3,73  | 4,10  | 4,47  | 4,83  | 5,19  | 5,87  | 6,53  | 7,75  | 8,31  | 8,84   |
| 5 200               | 3,45  | 3,84  | 4,23  | 4,61  | 4,99  | 5,35  | 6,06  | 6,74  | 7,99  | 8,56  | 9,09   |
| 5 400               | 3,55  | 3,96  | 4,36  | 4,75  | 5,14  | 5,51  | 6,24  | 6,94  | 8,22  | 8,80  | 9,33   |
| 5 600               | 3,65  | 4,07  | 4,48  | 4,89  | 5,29  | 5,67  | 6,42  | 7,13  | 8,44  | 9,03  | 9,57   |
| 5 800               | 3,75  | 4,18  | 4,61  | 5,02  | 5,43  | 5,83  | 6,60  | 7,33  | 8,65  | 9,25  | 9,79   |
| 6 000               | 3,84  | 4,29  | 4,73  | 5,16  | 5,58  | 5,98  | 6,77  | 7,51  | 8,86  | 9,46  | 10,00  |
| 6 200               | 3,94  | 4,40  | 4,85  | 5,29  | 5,72  | 6,13  | 6,94  | 7,69  | 9,06  | 9,66  | 10,20  |
| 6 400               | 4,03  | 4,50  | 4,96  | 5,41  | 5,85  | 6,28  | 7,10  | 7,87  | 9,25  | 9,85  | 10,39  |
| 6 600               | 4,12  | 4,61  | 5,08  | 5,54  | 5,99  | 6,42  | 7,26  | 8,04  | 9,43  | 10,03 | 10,57  |
| 6 800               | 4,21  | 4,71  | 5,19  | 5,66  | 6,12  | 6,56  | 7,41  | 8,21  | 9,60  | 10,20 | 10,73  |
| 7 000               | 4,30  | 4,80  | 5,30  | 5,78  | 6,25  | 6,70  | 7,56  | 8,37  | 9,77  | 10,36 | 10,88  |
| 7 200               | 4,38  | 4,90  | 5,41  | 5,90  | 6,37  | 6,83  | 7,71  | 8,52  | 9,93  | 10,52 | 11,02  |
| 7 400               | 4,47  | 5,00  | 5,51  | 6,01  | 6,49  | 6,96  | 7,85  | 8,67  | 10,07 | 10,65 | 11,15  |
| 7 600               | 4,55  | 5,09  | 5,61  | 6,12  | 6,61  | 7,09  | 7,99  | 8,81  | 10,21 | 10,78 | 11,26  |
| 7 800               | 4,63  | 5,18  | 5,71  | 6,23  | 6,73  | 7,21  | 8,12  | 8,94  | 10,34 | 10,90 | 11,36  |
| 8 000               | 4,70  | 5,26  | 5,81  | 6,33  | 6,84  | 7,33  | 8,24  | 9,07  | 10,46 | 11,00 | 11,44  |
| 8 200               | 4,78  | 5,35  | 5,90  | 6,43  | 6,95  | 7,44  | 8,36  | 9,20  | 10,57 | 11,10 | 11,51  |
| 8 400               | 4,85  | 5,43  | 5,99  | 6,53  | 7,05  | 7,55  | 8,48  | 9,31  | 10,67 | 11,18 | 11,57  |
| 8 600               | 4,92  | 5,51  | 6,08  | 6,63  | 7,15  | 7,65  | 8,59  | 9,42  | 10,76 | 11,24 | 11,61  |
| 8 800               | 4,99  | 5,59  | 6,17  | 6,72  | 7,25  | 7,76  | 8,69  | 9,52  | 10,83 | 11,30 | 11,63  |
| 9 000               | 5,06  | 5,67  | 6,25  | 6,81  | 7,34  | 7,85  | 8,79  | 9,62  | 10,90 | 11,34 | 11,64  |
| 9 200               | 5,13  | 5,74  | 6,33  | 6,89  | 7,43  | 7,94  | 8,88  | 9,71  | 10,96 | 11,37 | –      |
| 9 400               | 5,19  | 5,81  | 6,41  | 6,98  | 7,52  | 8,03  | 8,97  | 9,79  | 11,00 | 11,38 | –      |
| 9 600               | 5,25  | 5,88  | 6,48  | 7,05  | 7,60  | 8,12  | 9,05  | 9,86  | 11,03 | –     | –      |
| 9 800               | 5,31  | 5,94  | 6,55  | 7,13  | 7,68  | 8,19  | 9,13  | 9,93  | 11,05 | –     | –      |
| 10 000              | 5,36  | 6,01  | 6,62  | 7,20  | 7,75  | 8,27  | 9,20  | 9,98  | 11,06 | –     | –      |
| 10 200              | 5,42  | 6,07  | 6,68  | 7,27  | 7,82  | 8,34  | 9,26  | 10,03 | –     | –     | –      |
| 10 400              | 5,47  | 6,12  | 6,75  | 7,33  | 7,89  | 8,40  | 9,32  | 10,08 | –     | –     | –      |
| 10 600              | 5,52  | 6,18  | 6,80  | 7,39  | 7,95  | 8,46  | 9,37  | 10,11 | –     | –     | –      |
| 10 800              | 5,57  | 6,23  | 6,86  | 7,45  | 8,00  | 8,52  | 9,42  | 10,14 | –     | –     | –      |
| 11 000              | 5,61  | 6,28  | 6,91  | 7,50  | 8,06  | 8,57  | 9,46  | 10,15 | –     | –     | –      |
| 11 200              | 5,65  | 6,33  | 6,96  | 7,55  | 8,11  | 8,61  | 9,49  | 10,16 | –     | –     | –      |
| 11 400              | 5,69  | 6,37  | 7,01  | 7,60  | 8,15  | 8,65  | 9,51  | 10,16 | –     | –     | –      |

Belt width [mm]

9 15 25

Width multiplier

0,558 1 1,79

■ For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings

## Section 8M (30 mm wide)

Table 8m

| Faster shaft speed  | Rated power per belt for small pulley pitch diameter [mm] |       |       |       |       |       |       |       |       |       |       |
|---------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                     | 22  | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | 32    |
| Number of teeth     | 22  | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | 32    |
| Pitch diameter [mm] | 56,02   | 58,56 | 61,11 | 63,66 | 66,20 | 68,75 | 71,30 | 73,84 | 76,39 | 78,94 | 81,48 |
| r/min               | kW  |       |       |       |       |       |       |       |       |       |       |
| 100                 | 0,61  | 0,65  | 0,69  | 0,72  | 0,76  | 0,79  | 0,83  | 0,87  | 0,90  | 0,94  | 0,97  |
| 200                 | 1,03  | 1,10  | 1,17  | 1,23  | 1,30  | 1,36  | 1,43  | 1,49  | 1,55  | 1,62  | 1,68  |
| 300                 | 1,40  | 1,50  | 1,59  | 1,68  | 1,77  | 1,86  | 1,95  | 2,04  | 2,13  | 2,22  | 2,30  |
| 400                 | 1,74  | 1,86  | 1,97  | 2,09  | 2,20  | 2,32  | 2,43  | 2,54  | 2,65  | 2,76  | 2,87  |
| 500                 | 2,05  | 2,19  | 2,33  | 2,47  | 2,61  | 2,74  | 2,88  | 3,01  | 3,14  | 3,28  | 3,41  |
| 600                 | 2,35  | 2,51  | 2,67  | 2,83  | 2,99  | 3,15  | 3,30  | 3,46  | 3,61  | 3,76  | 3,91  |
| 700                 | 2,63  | 2,82  | 3,00  | 3,18  | 3,36  | 3,54  | 3,71  | 3,88  | 4,06  | 4,23  | 4,40  |
| 720                 | 2,69  | 2,88  | 3,06  | 3,25  | 3,43  | 3,61  | 3,79  | 3,97  | 4,14  | 4,32  | 4,49  |
| 800                 | 2,91  | 3,11  | 3,31  | 3,51  | 3,71  | 3,91  | 4,10  | 4,30  | 4,49  | 4,68  | 4,86  |
| 900                 | 3,18  | 3,40  | 3,62  | 3,84  | 4,06  | 4,27  | 4,48  | 4,69  | 4,90  | 5,11  | 5,32  |
| 960                 | 3,33  | 3,57  | 3,80  | 4,03  | 4,26  | 4,48  | 4,71  | 4,93  | 5,15  | 5,36  | 5,58  |
| 1 000               | 3,44  | 3,68  | 3,92  | 4,15  | 4,39  | 4,62  | 4,85  | 5,08  | 5,31  | 5,53  | 5,75  |
| 1 100               | 3,69  | 3,95  | 4,21  | 4,46  | 4,71  | 4,96  | 5,21  | 5,46  | 5,70  | 5,94  | 6,18  |
| 1 200               | 3,94  | 4,22  | 4,49  | 4,76  | 5,03  | 5,30  | 5,56  | 5,82  | 6,08  | 6,34  | 6,60  |
| 1 300               | 4,18  | 4,48  | 4,77  | 5,06  | 5,34  | 5,63  | 5,91  | 6,18  | 6,46  | 6,73  | 7,00  |
| 1 400               | 4,42  | 4,73  | 5,04  | 5,34  | 5,65  | 5,95  | 6,24  | 6,53  | 6,82  | 7,11  | 7,40  |
| 1 440               | 4,51  | 4,83  | 5,15  | 5,46  | 5,77  | 6,07  | 6,37  | 6,67  | 6,97  | 7,26  | 7,55  |
| 1 500               | 4,65  | 4,98  | 5,31  | 5,63  | 5,94  | 6,26  | 6,57  | 6,88  | 7,18  | 7,48  | 7,78  |
| 1 600               | 4,88  | 5,23  | 5,57  | 5,90  | 6,24  | 6,57  | 6,89  | 7,21  | 7,53  | 7,85  | 8,16  |
| 1 700               | 5,11  | 5,47  | 5,82  | 6,17  | 6,52  | 6,87  | 7,21  | 7,54  | 7,88  | 8,21  | 8,53  |
| 1 800               | 5,33  | 5,70  | 6,07  | 6,44  | 6,80  | 7,16  | 7,52  | 7,87  | 8,21  | 8,56  | 8,90  |
| 1 900               | 5,54  | 5,93  | 6,32  | 6,70  | 7,08  | 7,45  | 7,82  | 8,18  | 8,54  | 8,90  | 9,25  |
| 2 000               | 5,75  | 6,16  | 6,56  | 6,95  | 7,34  | 7,73  | 8,11  | 8,49  | 8,86  | 9,23  | 9,60  |
| 2 200               | 6,16  | 6,59  | 7,02  | 7,44  | 7,86  | 8,27  | 8,68  | 9,09  | 9,49  | 9,88  | 10,27 |
| 2 400               | 6,54  | 7,00  | 7,46  | 7,91  | 8,35  | 8,79  | 9,22  | 9,65  | 10,08 | 10,50 | 10,91 |
| 2 600               | 6,90  | 7,39  | 7,87  | 8,35  | 8,81  | 9,28  | 9,74  | 10,19 | 10,64 | 11,08 | 11,52 |
| 2 800               | 7,23  | 7,75  | 8,25  | 8,75  | 9,25  | 9,73  | 10,22 | 10,69 | 11,16 | 11,63 | 12,09 |
| 2 880               | 7,36  | 7,88  | 8,40  | 8,91  | 9,41  | 9,91  | 10,40 | 10,88 | 11,36 | 11,84 | 12,30 |
| 3 000               | 7,54  | 8,08  | 8,61  | 9,13  | 9,65  | 10,16 | 10,66 | 11,16 | 11,65 | 12,14 | 12,62 |
| 3 200               | 7,81  | 8,37  | 8,92  | 9,47  | 10,01 | 10,54 | 11,07 | 11,59 | 12,10 | 12,61 | 13,11 |
| 3 400               | 8,04  | 8,63  | 9,21  | 9,78  | 10,34 | 10,89 | 11,44 | 11,98 | 12,51 | 13,04 | 13,56 |
| 3 600               | 8,24  | 8,85  | 9,45  | 10,04 | 10,62 | 11,20 | 11,76 | 12,33 | 12,88 | 13,43 | 13,97 |
| 3 800               | 8,39  | 9,02  | 9,65  | 10,26 | 10,86 | 11,46 | 12,05 | 12,63 | 13,20 | 13,76 | 14,32 |
| 4 000               | 8,50  | 9,15  | 9,80  | 10,43 | 11,05 | 11,67 | 12,28 | 12,88 | 13,47 | 14,05 | 14,63 |
| 4 200               | 8,56  | 9,24  | 9,90  | 10,55 | 11,20 | 11,83 | 12,46 | 13,07 | 13,68 | 14,28 | 14,88 |
| 4 400               | 8,57  | 9,26  | 9,95  | 10,62 | 11,28 | 11,93 | 12,58 | 13,21 | 13,84 | 14,46 | 15,07 |
| 4 600               | -   | -     | -     | 10,63 | 11,31 | 11,98 | 12,64 | 13,29 | 13,94 | 14,57 | 15,20 |
| 4 800               | -   | -     | -     | -     | -     | -     | 12,64 | 13,31 | 13,97 | 14,62 | 15,26 |
| 5 000               | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 5 200               | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |



| Belt width [mm]  |    |       |      |
|------------------|----|-------|------|
| 20               | 30 | 50    | 85   |
| Width multiplier |    |       |      |
| 0,633            | 1  | 1,734 | 3,02 |

■ Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.

# Power ratings

## Section 8M (30 mm wide)

Table 8n

| Faster shaft speed  | Rated power per belt for small pulley pitch diameter [mm] |       |       |       |       |        |        |        |        |        |    |
|---------------------|---|-------|-------|-------|-------|--------|--------|--------|--------|--------|----|
|                     | Number of teeth   | 33    | 34    | 35    | 36    | 38     | 40     | 42     | 44     | 45     | 48 |
| Pitch diameter [mm] | 84,03   | 86,58 | 89,12 | 91,67 | 96,76 | 101,85 | 106,95 | 112,04 | 114,59 | 122,23 |    |
| r/min               | kW  |       |       |       |       |        |        |        |        |        |    |
| 100                 | 1,01  | 1,04  | 1,08  | 1,11  | 1,18  | 1,25   | 1,32   | 1,38   | 1,42   | 1,52   |    |
| 200                 | 1,74  | 1,80  | 1,87  | 1,93  | 2,05  | 2,17   | 2,29   | 2,41   | 2,47   | 2,64   |    |
| 300                 | 2,39  | 2,48  | 2,56  | 2,65  | 2,82  | 2,98   | 3,15   | 3,31   | 3,39   | 3,64   |    |
| 400                 | 2,98  | 3,09  | 3,20  | 3,31  | 3,52  | 3,73   | 3,94   | 4,14   | 4,24   | 4,55   |    |
| 500                 | 3,54  | 3,67  | 3,79  | 3,92  | 4,18  | 4,43   | 4,67   | 4,92   | 5,04   | 5,40   |    |
| 600                 | 4,06  | 4,21  | 4,36  | 4,51  | 4,80  | 5,09   | 5,37   | 5,65   | 5,79   | 6,20   |    |
| 700                 | 4,57  | 4,73  | 4,90  | 5,07  | 5,39  | 5,72   | 6,04   | 6,35   | 6,51   | 6,97   |    |
| 720                 | 4,67  | 4,84  | 5,01  | 5,18  | 5,51  | 5,84   | 6,17   | 6,49   | 6,65   | 7,12   |    |
| 800                 | 5,05  | 5,24  | 5,42  | 5,60  | 5,97  | 6,32   | 6,68   | 7,02   | 7,20   | 7,71   |    |
| 900                 | 5,52  | 5,72  | 5,92  | 6,12  | 6,52  | 6,91   | 7,29   | 7,67   | 7,86   | 8,42   |    |
| 960                 | 5,79  | 6,01  | 6,22  | 6,43  | 6,84  | 7,25   | 7,65   | 8,05   | 8,25   | 8,83   |    |
| 1000                | 5,97  | 6,19  | 6,41  | 6,63  | 7,05  | 7,48   | 7,89   | 8,30   | 8,50   | 9,11   |    |
| 1 100               | 6,42  | 6,65  | 6,89  | 7,12  | 7,57  | 8,03   | 8,47   | 8,91   | 9,13   | 9,77   |    |
| 1 200               | 6,85  | 7,10  | 7,35  | 7,59  | 8,08  | 8,56   | 9,04   | 9,50   | 9,73   | 10,42  |    |
| 1 300               | 7,27  | 7,53  | 7,80  | 8,06  | 8,57  | 9,08   | 9,59   | 10,08  | 10,32  | 11,05  |    |
| 1 400               | 7,68  | 7,96  | 8,24  | 8,51  | 9,06  | 9,59   | 10,12  | 10,64  | 10,90  | 11,66  |    |
| 1 440               | 7,84  | 8,13  | 8,41  | 8,69  | 9,25  | 9,79   | 10,33  | 10,86  | 11,13  | 11,90  |    |
| 1 500               | 8,08  | 8,38  | 8,67  | 8,96  | 9,53  | 10,09  | 10,64  | 11,19  | 11,46  | 12,26  |    |
| 1 600               | 8,47  | 8,78  | 9,09  | 9,39  | 9,99  | 10,58  | 11,16  | 11,73  | 12,01  | 12,84  |    |
| 1 700               | 8,86  | 9,18  | 9,50  | 9,82  | 10,44 | 11,05  | 11,66  | 12,25  | 12,54  | 13,41  |    |
| 1 800               | 9,24  | 9,57  | 9,90  | 10,23 | 10,88 | 11,52  | 12,14  | 12,76  | 13,07  | 13,97  |    |
| 1 900               | 9,60  | 9,95  | 10,30 | 10,64 | 11,31 | 11,97  | 12,62  | 13,26  | 13,58  | 14,52  |    |
| 2 000               | 9,96  | 10,32 | 10,68 | 11,03 | 11,73 | 12,42  | 13,09  | 13,75  | 14,08  | 15,05  |    |
| 2 200               | 10,66   | 11,04 | 11,42 | 11,80 | 12,54 | 13,27  | 13,99  | 14,70  | 15,04  | 16,07  |    |
| 2 400               | 11,32   | 11,73 | 12,13 | 12,53 | 13,32 | 14,09  | 14,85  | 15,59  | 15,96  | 17,05  |    |
| 2 600               | 11,95   | 12,38 | 12,80 | 13,22 | 14,05 | 14,87  | 15,66  | 16,45  | 16,84  | 17,98  |    |
| 2 800               | 12,54   | 12,99 | 13,44 | 13,88 | 14,75 | 15,60  | 16,44  | 17,26  | 17,66  | 18,86  |    |
| 2 880               | 12,77   | 13,23 | 13,68 | 14,13 | 15,01 | 15,88  | 16,73  | 17,57  | 17,98  | 19,19  |    |
| 3 000               | 13,10   | 13,57 | 14,03 | 14,49 | 15,40 | 16,29  | 17,16  | 18,02  | 18,44  | 19,68  |    |
| 3 200               | 13,61   | 14,10 | 14,58 | 15,06 | 16,01 | 16,93  | 17,84  | 18,73  | 19,17  | 20,46  |    |
| 3 400               | 14,08   | 14,59 | 15,09 | 15,59 | 16,57 | 17,53  | 18,47  | 19,39  | 19,84  | 21,18  |    |
| 3 600               | 14,50   | 15,03 | 15,55 | 16,06 | 17,08 | 18,07  | 19,04  | 20,00  | 20,47  | 21,85  |    |
| 3 800               | 14,87   | 15,42 | 15,96 | 16,49 | 17,54 | 18,56  | 19,56  | 20,55  | 21,03  | 22,45  |    |
| 4 000               | 15,19   | 15,76 | 16,31 | 16,86 | 17,94 | 19,00  | 20,03  | 21,04  | 21,54  | 23,00  |    |
| 4 200               | 15,46   | 16,04 | 16,61 | 17,18 | 18,29 | 19,37  | 20,43  | 21,47  | 21,98  | 23,48  |    |
| 4 400               | 15,67   | 16,26 | 16,85 | 17,43 | 18,57 | 19,68  | 20,77  | 21,84  | 22,36  | 23,90  |    |
| 4 600               | 15,82   | 16,43 | 17,03 | 17,62 | 18,79 | 19,93  | 21,05  | 22,14  | 22,67  | 24,25  |    |
| 4 800               | 15,90   | 16,52 | 17,14 | 17,75 | 18,94 | 20,11  | 21,25  | 22,37  | 22,91  | 24,52  |    |
| 5 000               | 15,91   | 16,55 | 17,18 | 17,80 | 19,03 | 20,22  | 21,38  | 22,52  | 23,08  | 24,72  |    |
| 5 200               | -   | -     | -     | -     | 19,03 | 20,25  | 21,44  | 22,60  | 23,17  | 24,84  |    |

**Belt width [mm]**

20      30      50      85

**Width multiplier**

0,633      1      1,734      3,02

- Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.
- For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings

## Section 14M (40 mm wide)

Table 8o

| Faster shaft speed  | Rated power per belt for small pulley pitch diameter [mm] |        |        |        |        |        |        |        |        |        |        |
|---------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 28  | 29     | 30     | 32     | 34     | 36     | 38     | 40     | 42     | 44     | 46     |
| Number of teeth     | 28  | 29     | 30     | 32     | 34     | 36     | 38     | 40     | 42     | 44     | 46     |
| Pitch diameter [mm] | 124,77  | 129,23 | 133,69 | 142,60 | 151,51 | 160,42 | 169,34 | 178,25 | 187,16 | 196,07 | 204,99 |
| r/min               | kW  |        |        |        |        |        |        |        |        |        |        |
| 100                 | 2,73  | 2,86   | 2,99   | 3,24   | 3,49   | 3,74   | 3,99   | 4,24   | 4,48   | 4,73   | 4,97   |
| 200                 | 4,62  | 4,86   | 5,10   | 5,57   | 6,03   | 6,49   | 6,94   | 7,39   | 7,84   | 8,28   | 8,72   |
| 300                 | 6,20  | 6,53   | 6,86   | 7,51   | 8,16   | 8,80   | 9,43   | 10,05  | 10,67  | 11,27  | 11,87  |
| 400                 | 7,60  | 8,01   | 8,43   | 9,25   | 10,06  | 10,86  | 11,64  | 12,42  | 13,18  | 13,94  | 14,68  |
| 500                 | 8,89  | 9,38   | 9,88   | 10,85  | 11,81  | 12,75  | 13,67  | 14,59  | 15,49  | 16,38  | 17,25  |
| 600                 | 10,11   | 10,68  | 11,24  | 12,35  | 13,45  | 14,52  | 15,58  | 16,62  | 17,64  | 18,65  | 19,65  |
| 700                 | 11,27   | 11,91  | 12,54  | 13,78  | 15,00  | 16,20  | 17,38  | 18,54  | 19,68  | 20,80  | 21,90  |
| 720                 | 11,50   | 12,15  | 12,80  | 14,06  | 15,31  | 16,53  | 17,73  | 18,91  | 20,07  | 21,21  | 22,34  |
| 800                 | 12,41   | 13,11  | 13,80  | 15,16  | 16,50  | 17,82  | 19,11  | 20,37  | 21,62  | 22,84  | 24,05  |
| 900                 | 13,51   | 14,27  | 15,02  | 16,50  | 17,95  | 19,37  | 20,77  | 22,14  | 23,48  | 24,80  | 26,10  |
| 960                 | 14,16   | 14,96  | 15,74  | 17,29  | 18,80  | 20,28  | 21,74  | 23,16  | 24,56  | 25,94  | 27,29  |
| 1 000               | 14,59   | 15,41  | 16,22  | 17,81  | 19,36  | 20,88  | 22,38  | 23,84  | 25,28  | 26,69  | 28,07  |
| 1 100               | 15,66   | 16,53  | 17,39  | 19,08  | 20,73  | 22,35  | 23,94  | 25,49  | 27,01  | 28,51  | 29,97  |
| 1 200               | 16,71   | 17,63  | 18,54  | 20,33  | 22,08  | 23,79  | 25,46  | 27,10  | 28,70  | 30,27  | 31,82  |
| 1 300               | 17,74   | 18,71  | 19,67  | 21,55  | 23,39  | 25,19  | 26,94  | 28,66  | 30,34  | 31,98  | 33,60  |
| 1 400               | 18,76   | 19,78  | 20,78  | 22,75  | 24,68  | 26,55  | 28,38  | 30,18  | 31,93  | 33,65  | 35,33  |
| 1 440               | 19,17   | 20,20  | 21,22  | 23,23  | 25,18  | 27,09  | 28,95  | 30,77  | 32,55  | 34,30  | 36,00  |
| 1 500               | 19,77   | 20,83  | 21,88  | 23,93  | 25,93  | 27,89  | 29,79  | 31,66  | 33,48  | 35,26  | 37,00  |
| 1 600               | 20,75   | 21,86  | 22,95  | 25,08  | 27,16  | 29,19  | 31,17  | 33,10  | 34,98  | 36,83  | 38,63  |
| 1 700               | 21,72   | 22,87  | 24,00  | 26,21  | 28,36  | 30,46  | 32,50  | 34,50  | 36,44  | 38,34  | 40,20  |
| 1 800               | 22,67   | 23,85  | 25,02  | 27,31  | 29,53  | 31,69  | 33,80  | 35,85  | 37,86  | 39,81  | 41,72  |
| 1 900               | 23,59   | 24,82  | 26,02  | 28,37  | 30,66  | 32,89  | 35,06  | 37,17  | 39,23  | 41,23  | 43,19  |
| 2 000               | 24,49   | 25,75  | 26,99  | 29,41  | 31,76  | 34,05  | 36,27  | 38,44  | 40,55  | 42,60  | 44,60  |
| 2 100               | 25,36   | 26,65  | 27,92  | 30,41  | 32,82  | 35,17  | 37,44  | 39,66  | 41,82  | 43,92  | 45,96  |
| 2 200               | 26,19   | 27,52  | 28,82  | 31,37  | 33,84  | 36,24  | 38,57  | 40,83  | 43,03  | 45,18  | 47,26  |
| 2 300               | 26,99   | 28,35  | 29,68  | 32,29  | 34,81  | 37,26  | 39,64  | 41,95  | 44,20  | 46,38  | 48,50  |
| 2 400               | 27,74   | 29,13  | 30,50  | 33,16  | 35,74  | 38,24  | 40,66  | 43,02  | 45,30  | 47,52  | 49,68  |
| 2 500               | 28,46   | 29,87  | 31,27  | 33,98  | 36,61  | 39,16  | 41,63  | 44,02  | 46,35  | 48,60  | 50,79  |
| 2 600               | 29,12   | 30,57  | 31,99  | 34,76  | 37,43  | 40,02  | 42,53  | 44,97  | 47,33  | 49,61  | 51,84  |
| 2 700               | 29,73   | 31,20  | 32,65  | 35,47  | 38,19  | 40,83  | 43,38  | 45,84  | 48,24  | 50,56  | 52,81  |
| 2 800               | 30,29   | 31,79  | 33,26  | 36,12  | 38,89  | 41,56  | 44,15  | 46,65  | 49,08  | 51,43  | 53,70  |
| 2 880               | 30,69   | 32,21  | 33,70  | 36,60  | 39,40  | 42,11  | 44,72  | 47,25  | 49,70  | 52,07  | 54,36  |
| 2 900               | 30,78   | 32,31  | 33,80  | 36,71  | 39,52  | 42,23  | 44,86  | 47,39  | 49,84  | 52,22  | 54,52  |
| 3 000               | 31,21   | 32,76  | 34,28  | 37,23  | 40,08  | 42,83  | 45,48  | 48,05  | 50,53  | 52,93  | 55,25  |
| 3 100               | 31,57   | 33,14  | 34,68  | 37,68  | 40,57  | 43,35  | 46,03  | 48,63  | 51,13  | 53,55  | 55,90  |
| 3 200               | 31,86   | 33,45  | 35,01  | 38,05  | 40,97  | 43,79  | 46,50  | 49,12  | 51,65  | 54,09  | 56,45  |
| 3 300               | 32,07   | 33,68  | 35,26  | 38,34  | 41,29  | 44,14  | 46,88  | 49,53  | 52,08  | 54,54  | 56,91  |
| 3 400               | 32,19   | 33,83  | 35,43  | 38,54  | 41,53  | 44,40  | 47,17  | 49,84  | 52,41  | 54,89  | 57,28  |
| 3 500               | 32,23   | 33,89  | 35,51  | 38,65  | 41,67  | 44,57  | 47,37  | 50,05  | 52,64  | 55,14  | 57,54  |
| 3 600               | -   | -      | -      | 38,67  | 41,72  | 44,64  | 47,46  | 50,17  | 52,77  | 55,28  | 57,69  |
| 3 700               | -   | -      | -      | -      | -      | -      | -      | 50,17  | 52,79  | 55,31  | 57,74  |



**Belt width [mm]**

40      55      85      115      170

**Width multiplier**

1      1,44      2,32      3,21      4,82

- Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.
- For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings

## Section 14M (40 mm wide)

Table 8p

| Faster shaft speed  | Rated power per belt for small pulley pitch diameter [mm] |        |        |        |        |        |        |        |        |        |        |
|---------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | Number of teeth 48  | 50     | 52     | 54     | 56     | 58     | 60     | 62     | 64     | 66     | 72     |
| Pitch diameter [mm] | 213,90  | 222,82 | 231,73 | 240,64 | 249,56 | 258,47 | 267,38 | 276,29 | 285,21 | 294,12 | 320,86 |
| r/min               | kW  |        |        |        |        |        |        |        |        |        |        |
| 100                 | 5,21  | 5,45   | 5,69   | 5,92   | 6,16   | 6,39   | 6,63   | 6,86   | 7,09   | 7,32   | 8,00   |
| 200                 | 9,15  | 9,58   | 10,00  | 10,43  | 10,84  | 11,26  | 11,67  | 12,08  | 12,49  | 12,89  | 14,08  |
| 300                 | 12,47   | 13,06  | 13,64  | 14,22  | 14,79  | 15,35  | 15,92  | 16,47  | 17,02  | 17,57  | 19,18  |
| 400                 | 15,42   | 16,15  | 16,87  | 17,58  | 18,29  | 18,98  | 19,67  | 20,36  | 21,03  | 21,70  | 23,67  |
| 500                 | 18,12   | 18,97  | 19,82  | 20,65  | 21,47  | 22,29  | 23,09  | 23,89  | 24,67  | 25,45  | 27,74  |
| 600                 | 20,63   | 21,59  | 22,55  | 23,49  | 24,42  | 25,34  | 26,25  | 27,14  | 28,03  | 28,91  | 31,48  |
| 700                 | 22,99   | 24,06  | 25,12  | 26,16  | 27,19  | 28,20  | 29,20  | 30,19  | 31,16  | 32,13  | 34,95  |
| 720                 | 23,45   | 24,54  | 25,61  | 26,67  | 27,72  | 28,75  | 29,77  | 30,78  | 31,77  | 32,75  | 35,62  |
| 800                 | 25,23   | 26,40  | 27,55  | 28,68  | 29,80  | 30,90  | 31,99  | 33,06  | 34,11  | 35,16  | 38,21  |
| 900                 | 27,37   | 28,63  | 29,87  | 31,08  | 32,28  | 33,46  | 34,63  | 35,77  | 36,91  | 38,02  | 41,28  |
| 960                 | 28,62   | 29,92  | 31,21  | 32,47  | 33,72  | 34,94  | 36,15  | 37,34  | 38,51  | 39,67  | 43,04  |
| 1 000               | 29,43   | 30,77  | 32,09  | 33,38  | 34,66  | 35,91  | 37,15  | 38,36  | 39,56  | 40,74  | 44,19  |
| 1 100               | 31,41   | 32,83  | 34,22  | 35,59  | 36,93  | 38,25  | 39,55  | 40,83  | 42,10  | 43,34  | 46,95  |
| 1 200               | 33,33   | 34,82  | 36,27  | 37,71  | 39,12  | 40,50  | 41,86  | 43,20  | 44,52  | 45,82  | 49,59  |
| 1 300               | 35,18   | 36,73  | 38,26  | 39,75  | 41,22  | 42,66  | 44,08  | 45,47  | 46,84  | 48,19  | 52,10  |
| 1 400               | 36,97   | 38,59  | 40,17  | 41,72  | 43,25  | 44,74  | 46,21  | 47,65  | 49,07  | 50,46  | 54,50  |
| 1 440               | 37,68   | 39,31  | 40,92  | 42,49  | 44,04  | 45,55  | 47,04  | 48,50  | 49,94  | 51,35  | 55,43  |
| 1 500               | 38,71   | 40,38  | 42,02  | 43,63  | 45,20  | 46,75  | 48,26  | 49,75  | 51,21  | 52,64  | 56,80  |
| 1 600               | 40,39   | 42,12  | 43,81  | 45,46  | 47,08  | 48,67  | 50,23  | 51,76  | 53,26  | 54,73  | 58,99  |
| 1 700               | 42,02   | 43,79  | 45,53  | 47,23  | 48,90  | 50,53  | 52,13  | 53,70  | 55,23  | 56,74  | 61,08  |
| 1 800               | 43,59   | 45,41  | 47,19  | 48,94  | 50,64  | 52,31  | 53,95  | 55,55  | 57,12  | 58,66  | 63,08  |
| 1 900               | 45,10   | 46,97  | 48,79  | 50,58  | 52,32  | 54,03  | 55,69  | 57,33  | 58,92  | 60,49  | 64,99  |
| 2 000               | 46,56   | 48,47  | 50,33  | 52,15  | 53,93  | 55,67  | 57,36  | 59,02  | 60,65  | 62,24  | 66,80  |
| 2 100               | 47,96   | 49,90  | 51,80  | 53,66  | 55,46  | 57,23  | 58,96  | 60,64  | 62,29  | 63,90  | 68,52  |
| 2 200               | 49,30   | 51,28  | 53,21  | 55,09  | 56,93  | 58,72  | 60,47  | 62,18  | 63,85  | 65,48  | 70,14  |
| 2 300               | 50,57   | 52,59  | 54,55  | 56,46  | 58,32  | 60,14  | 61,91  | 63,64  | 65,33  | 66,97  | 71,67  |
| 2 400               | 51,78   | 53,83  | 55,82  | 57,75  | 59,64  | 61,48  | 63,27  | 65,01  | 66,72  | 68,37  | 73,11  |
| 2 500               | 52,92   | 55,00  | 57,01  | 58,97  | 60,88  | 62,73  | 64,54  | 66,30  | 68,02  | 69,69  | 74,45  |
| 2 600               | 53,99   | 56,09  | 58,13  | 60,11  | 62,04  | 63,91  | 65,73  | 67,51  | 69,23  | 70,91  | 75,69  |
| 2 700               | 54,99   | 57,11  | 59,17  | 61,17  | 63,11  | 65,00  | 66,83  | 68,62  | 70,35  | 72,04  | 76,82  |
| 2 800               | 55,91   | 58,05  | 60,13  | 62,14  | 64,10  | 66,00  | 67,84  | 69,64  | 71,38  | 73,07  | 77,86  |
| 2 880               | 56,58   | 58,74  | 60,83  | 62,86  | 64,83  | 66,73  | 68,59  | 70,38  | 72,13  | 73,82  | 78,61  |
| 2 900               | 56,75   | 58,90  | 61,00  | 63,03  | 65,00  | 66,91  | 68,76  | 70,56  | 72,31  | 74,00  | 78,79  |
| 3 000               | 57,50   | 59,67  | 61,78  | 63,83  | 65,80  | 67,72  | 69,58  | 71,39  | 73,13  | 74,83  | 79,61  |
| 3 100               | 58,16   | 60,35  | 62,47  | 64,53  | 66,52  | 68,44  | 70,30  | 72,11  | 73,86  | 75,55  | 80,32  |
| 3 200               | 58,73   | 60,94  | 63,07  | 65,13  | 67,13  | 69,06  | 70,92  | 72,73  | 74,48  | 76,17  | 80,91  |
| 3 300               | 59,21   | 61,42  | 63,57  | 65,63  | 67,63  | 69,57  | 71,43  | 73,24  | 74,98  | 76,67  | -      |
| 3 400               | 59,58   | 61,81  | 63,96  | 66,03  | 68,03  | 69,97  | 71,83  | 73,64  | 75,37  | 77,05  | -      |
| 3 500               | 59,86   | 62,09  | 64,24  | 66,32  | 68,32  | 70,26  | 72,12  | 73,92  | 75,65  | 77,32  | -      |
| 3 600               | 60,02   | 62,26  | 64,42  | 66,50  | 68,50  | 70,43  | 72,29  | 74,08  | 75,80  | -      | -      |
| 3 700               | 60,07   | 62,31  | 64,47  | 66,55  | 68,55  | 70,48  | 72,33  | 74,12  | -      | -      | -      |

| Belt width [mm]  |      |      |      |      |
|------------------|------|------|------|------|
| 40               | 55   | 85   | 115  | 170  |
| Width multiplier |      |      |      |      |
| 1                | 1,44 | 2,32 | 3,21 | 4,82 |

■ For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Minimum installation and take-up allowances

Table 9

| Datum length | Minimum take-up allowance for tensioning | Minimum installation allowance – for fitting |     |     |      |      |     |     |      |  |
|--------------|--|--|-----|-----|------|------|-----|-----|------|--|
|              |  | 5M   | 8M  | 14M | XL   | L    | H   | XH  | XXH  |  |
| mm           | mm                                       |  |     |     |      |      |     |     |      |  |
| < 1 525      | 4  | 2,5  | 2,5 | 2,5 | 2,5  | 2,5  | 2,5 | 4,5 | 5,5  | No flanged pulleys                           |
| 1 525–3 050  | 7  | 5  | 5   | 5   | 5    | 5    | 5   | 7   | 8    |  |
| > 3 050      | 10                                       | 7,5  | 7,5 | 7,5 | 7,5  | 7,5  | 7,5 | 9,5 | 10,5 |  |
| < 1 525      | 4  | 14   | 22  | 37  | 14   | 14   | 22  | 38  | 54   | One flanged pulleys<br>One unflanged pulleys |
| 1 525–3 050  | 7  | 17   | 25  | 39  | 17   | 17   | 25  | 41  | 54   |  |
| > 3 050      | 10                                       | 17   | 27  | 42  | 17   | 17   | 27  | 43  | 56   |  |
| < 1 525      | 4  | 20,5   | 35  | 60  | 20,5 | 20,5 | 35  | 61  | 84   | Both flanged pulleys                         |
| 1 525–3 050  | 7  | 23   | 37  | 62  | 23   | 23   | 37  | 64  | 84   |  |
| > 3 050      | 10                                       | 23   | 40  | 65  | 23   | 23   | 40  | 66  | 86   |  |

2

# Tensioning methods

## Tensioning with the SKF pen tester

Refer to V-belt section for details on how to use the SKF pen tester. **Table 10** shows deflection values for most common timing belts.

## Tensioning with the SKF Belt Frequency Meter

Refer to V-belt section for details on how to use the SKF Belt Frequency Meter.

General tension values for most popular timing belts are given in **table 11**.

**Table 10**

### Deflection forces for timing belts to be used with the SKF pen tester

| Section             | Belt deflection force |                  |
|---------------------|-----------------------|------------------|
|                     | New belt              | Used run-in belt |
| –                   | kg                    |                  |
| <b>HiTD</b>         |                       |                  |
| 5M 9                | 0,7                   | 0,5              |
| 5M 15               | 1,3                   | 0,9              |
| 5M 25               | 2,2                   | 1,7              |
| 8M 20               | 2,6                   | 2,0              |
| 8M 30               | 4,2                   | 3,1              |
| 8M 50               | 7,3                   | 5,4              |
| 8M 85               | 14,2                  | 10,5             |
| 14M 40              | 9,1                   | 6,7              |
| 14M 55              | 13,3                  | 9,8              |
| 14M 85              | n/a                   | n/a              |
| 14M 115             | n/a                   | n/a              |
| 14M 170             | n/a                   | n/a              |
| <b>STD</b>          |                       |                  |
| S8M20               | 2,8                   | 2,0              |
| S8M30               | 4,4                   | 3,2              |
| S8M50               | 7,8                   | 5,7              |
| S8M85               | 14,1                  | 10,4             |
| S14M40              | 9,3                   | 6,9              |
| S14M55              | 13,3                  | 9,8              |
| S14M85              | n/a                   | n/a              |
| S14M115             | n/a                   | n/a              |
| S14M170             | n/a                   | n/a              |
| <b>Timing belts</b> |                       |                  |
| XL 025              | n/a                   | n/a              |
| XL 037              | n/a                   | n/a              |
| L050                | 0,4                   | 0,4              |
| L075                | 0,7                   | 0,6              |
| L 100               | 1,0                   | 0,8              |
| H075                | 1,6                   | 1,4              |
| H100                | 2,3                   | 1,9              |
| H150                | 3,6                   | 3,0              |
| H200                | 4,9                   | 4,0              |
| H300                | 7,6                   | 6,3              |
| XH 200              | 6,6                   | 5,5              |
| XH 300              | 10,4                  | 8,6              |
| XH 400              | 14,5                  | 12,0             |
| XXH 200             | 8,1                   | 6,6              |
| XXH 300             | 12,4                  | 10,2             |
| XXH 400             | n/a                   | n/a              |
| XXH 500             | n/a                   | n/a              |

**Table 11**

### Weights and tension values for SKF Timing Belts

| Section             | Belt tension |                  | Mass   |
|---------------------|--------------|------------------|--------|
|                     | New belt     | Used run-in belt |        |
| –                   | N            |                  | kg/m   |
| <b>HiTD</b>         |              |                  |        |
| 5M 9                | 99           | 71               | 0,0369 |
| 5M 15               | 174          | 124              | 0,0614 |
| 5M 25               | 311          | 222              | 0,1024 |
| 8M 20               | 372          | 266              | 0,1282 |
| 8M 30               | 593          | 424              | 0,1922 |
| 8M 50               | 1 037        | 741              | 0,3204 |
| 8M 85               | 2 044        | 1 460            | 0,5447 |
| 14M 40              | 1 297        | 926              | 0,4289 |
| 14M 55              | 1 912        | 1 366            | 0,5897 |
| 14M 85              | 3 142        | 2 244            | 0,9114 |
| 14M 115             | 4 480        | 3 200            | 1,2331 |
| 14M 170             | 7 139        | 5 099            | 1,8228 |
| <b>STD</b>          |              |                  |        |
| S8M20               | 390          | 279              | 0,1109 |
| S8M30               | 620          | 443              | 0,1673 |
| S8M50               | 1 110        | 793              | 0,2782 |
| S8M85               | 2 030        | 1 450            | 0,4732 |
| S14M40              | 1 340        | 957              | 0,4620 |
| S14M55              | 1 925        | 1 375            | 0,6343 |
| S14M85              | 3 165        | 2 261            | 0,9811 |
| S14M115             | 4 465        | 3 189            | 1,3268 |
| S14M170             | 6 975        | 4 982            | 1,9621 |
| <b>Timing belts</b> |              |                  |        |
| XL 025              | 13           | 11               | 0,0136 |
| XL 037              | 24           | 20               | 0,0203 |
| L050                | 51           | 41               | 0,0433 |
| L075                | 87           | 70               | 0,0650 |
| L 100               | 122          | 98               | 0,0867 |
| H075                | 220          | 176              | 0,0838 |
| H100                | 311          | 249              | 0,1117 |
| H150                | 485          | 388              | 0,1675 |
| H200                | 667          | 534              | 0,2233 |
| H300                | 1 045        | 836              | 0,3350 |
| XH 200              | 907          | 726              | 0,5718 |
| XH 300              | 1 428        | 1 142            | 0,8577 |
| XH 400              | 2 019        | 1 615            | 1,1436 |
| XXH 200             | 1 130        | 904              | 0,8087 |
| XXH 300             | 1 748        | 1 398            | 1,2130 |
| XXH 400             | 2 478        | 1 982            | 1,6173 |
| XXH 500             | 3 198        | 2 558            | 2,0217 |



# Calculating belt tension

Insufficient belt tension causes poor tooth engagement (tooth mesh) with the pulley which generates ratcheting, heat and excessive tooth wear. Excess tension typically has no effect on tooth engagement but can have a negative impact on bearing service life.

There are two values that must be considered when tensioning a belt:

- a  $T_{used}$  (Run-in) is minimum tension on the belt providing a satisfactory mesh. Belt tension should ideally not drop below that value during the entire belt service life.
- b  $T_{new}$  (Initial) is maximum tension on the belt used to initially tension a new belt.  $T_{new}$  normally decreases during first hours of operation releasing initial high bearing loads.

## General tensioning values

Tensioning values for general purpose machinery are provided by the operating manual for selected tensioning tools. The values represent the "worst case" drives and as such, tend to be higher than the values calculated for a specific drive.

## Calculating tension values

In cases where all drive data is available, it is possible to calculate tension values instead of using the general tensioning values.

To calculate tension values, the following procedure should be used:

- a Calculate linear belt speed

$$v = \frac{d n}{19\,098}$$

where

- v = belt speed [m/s]
- d = pitch diameter of the motor/driver pulley [mm]
- n = speed of driver pulley [r/min]

- b Find belt pull force

$$T_{pu} = \frac{P \cdot 1\,000}{v}$$

Where:

- $T_{pu}$  = belt pull force [N]
- P = motor or absorbed power\* [kW]
- v = belt speed [m/s]

- c Calculate centrifugal tension of the belt

$$T_c = M v^2$$

where

- $T_c$  = belt centrifugal tension [N]
- M = mass per unit length of the belt [kg/m] – see **table 11**
- v = belt speed [m/s]

- d Calculate strand tensions

$$T_1 = T_{pu} A_{Cr} + T_c$$

$$T_2 = [T_{pu} (A_{Cr} - 1)] + T_c$$

where

$T_1, T_2$  = tight-side tension, slack-side tension [N]

$T_{pu}$  = belt pull force [N]

$A_{Cr}$  = arc of contact ratio factor

→ **table 12**

- e Get installation strand tension for a new and for a used run-in belt

$$T_{used} = 0,5 (T_1 + T_2)$$

$$T_{new} = 1,4 T_{used}$$

where

$T_{used}$  = required installation strand tension for a used run-in belt

$T_{new}$  = required strand tension for a new belt

**Table 12**

### Arc of contact ratio factor

| $\frac{D-d}{C}$ * | $A_{Cr}$ | $A_{Cr}-1$ |
|-------------------|----------|------------|
| -                 |          |            |
| 0                 | 1,070    | 0,070      |
| 0,1               | 1,080    | 0,080      |
| 0,2               | 1,090    | 0,090      |
| 0,3               | 1,095    | 0,095      |
| 0,4               | 1,100    | 0,100      |
| 0,5               | 1,115    | 0,115      |
| 0,6               | 1,130    | 0,130      |
| 0,7               | 1,145    | 0,145      |
| 0,8               | 1,160    | 0,160      |
| 0,9               | 1,180    | 0,180      |
| 1                 | 1,200    | 0,200      |
| 1,1               | 1,220    | 0,220      |
| 1,2               | 1,250    | 0,250      |
| 1,3               | 1,290    | 0,290      |
| 1,4               | 1,340    | 0,340      |
| 1,5               | 1,400    | 0,400      |

\*D large pulley diameter (mm)  
d small pulley diameter (mm)  
C centre distance (mm)

\* SKF recommends using absorbed power, if known, as it will optimize the drive design.

f If an SKF pen tester is used to tension the belt, calculate belt deflection force using:

$$F_{d \text{ used}} = \frac{T_{\text{used}} + S_p}{\frac{L_{ps} K_n W_b}{157}}$$

$$F_{d \text{ new}} = \frac{T_{\text{new}} + S_p}{\frac{L_{ps} K_n W_b}{157}}$$

where

$F_{d \text{ used}}$  = deflection force for a used run-in belt [kg]

$F_{d \text{ new}}$  = deflection force for a new belt [kg]

$T_{\text{new}}, T_{\text{used}}$  = corresponding strand tensions [N]

$S_p$  = free tangential span length [mm]

$L_{ps}$  = belt pitch length [mm]

$K_n$  = normalized belt modulus factor [N/mm of belt width] → **table 13**

$W_b$  = belt width

g If the SKF Belt Frequency Meter is used to tension the belt, take value  $T_{\text{new}} (T_{\text{used}})$  and directly compare it with the readings from the tester.

**Table 13**

**Belt modulus factor**

| Section | $K_n^*$ |
|---------|---------|
| –       | N/mm    |
| 5M      | 5,05    |
| 8M      | 7,25    |
| 14M     | 10,4    |
| 20M     | 25,5    |
| XL      | 2,56    |
| L       | 4,7     |
| H       | 6,61    |
| XH      | 8,77    |
| XXH     | 8,77    |

\* $K_n$  values are given in normalized form per 1 mm of belt width. Multiply  $K_n$  by belt width to get the actual modulus factor K.

\* Where a drive is very overbelted, it is advisable to enter the  $T_{pu}$  calculation with increased power, e.g. power that will utilize 100% of belt capacity. Failure to do this will result in too low calculated tension, which does not result in enough initial belt stretch to have proper teeth meshing.

# Timing pulleys

Table 14a

3M (RSB)

| Number of teeth | For belt width |    |
|-----------------|----------------|----|
|                 | 9              | 15 |
| mm              |                |    |
| 10              | ✓              | ✓  |
| 12              | ✓              | ✓  |
| 14              | ✓              | ✓  |
| 15              | ✓              | ✓  |
| 16              | ✓              | ✓  |
| 18              | ✓              | ✓  |
| 20              | ✓              | ✓  |
| 21              | ✓              | ✓  |
| 22              | ✓              | ✓  |
| 24              | ✓              | ✓  |
| 26              | ✓              | ✓  |
| 28              | ✓              | ✓  |
| 30              | ✓              | ✓  |
| 32              | ✓              | ✓  |
| 36              | ✓              | ✓  |
| 40              | ✓              | ✓  |
| 44              | ✓              | ✓  |
| 48              | ✓              | ✓  |
| 60              | ✓              | ✓  |
| 72              | ✓              | ✓  |

Table 14b

5M (RSB)

| Number of teeth | For belt width |    |    |
|-----------------|----------------|----|----|
|                 | 9              | 15 | 25 |
| mm              |                |    |    |
| 12              | ✓              | ✓  | ✓  |
| 14              | ✓              | ✓  | ✓  |
| 15              | ✓              | ✓  | ✓  |
| 16              | ✓              | ✓  | ✓  |
| 18              | ✓              | ✓  | ✓  |
| 20              | ✓              | ✓  | ✓  |
| 21              | ✓              | ✓  | ✓  |
| 22              | ✓              | ✓  | ✓  |
| 24              | ✓              | ✓  | ✓  |
| 26              | ✓              | ✓  | ✓  |
| 28              | ✓              | ✓  | ✓  |
| 30              | ✓              | ✓  | ✓  |
| 32              | ✓              | ✓  | ✓  |
| 36              | ✓              | ✓  | ✓  |
| 40              | ✓              | ✓  | ✓  |
| 44              | ✓              | ✓  | ✓  |
| 48              | ✓              | ✓  | ✓  |
| 60              | ✓              | ✓  | ✓  |
| 72              | ✓              | ✓  | ✓  |
| 80              | X              | X  | ✓  |

Table 14c

8M (RSB)

| Number of teeth | For belt width |    |    |    |
|-----------------|----------------|----|----|----|
|                 | 20             | 30 | 50 | 85 |
| mm              |                |    |    |    |
| 20              | ✓              | ✓  | X  | X  |
| 21              | ✓              | ✓  | X  | X  |
| 22              | ✓              | ✓  | ✓  | ✓  |
| 23              | ✓              | ✓  | ✓  | ✓  |
| 24              | ✓              | ✓  | ✓  | ✓  |
| 25              | ✓              | ✓  | ✓  | ✓  |
| 26              | ✓              | ✓  | ✓  | ✓  |
| 27              | ✓              | ✓  | ✓  | ✓  |
| 28              | ✓              | ✓  | ✓  | ✓  |
| 29              | ✓              | ✓  | ✓  | ✓  |
| 30              | ✓              | ✓  | ✓  | ✓  |
| 31              | ✓              | ✓  | ✓  | ✓  |
| 32              | ✓              | ✓  | ✓  | ✓  |
| 33              | ✓              | ✓  | ✓  | ✓  |
| 34              | ✓              | ✓  | ✓  | ✓  |
| 35              | ✓              | ✓  | ✓  | ✓  |
| 36              | ✓              | ✓  | ✓  | ✓  |
| 38              | ✓              | ✓  | ✓  | ✓  |
| 40              | ✓              | ✓  | ✓  | ✓  |
| 42              | ✓              | ✓  | ✓  | ✓  |
| 44              | ✓              | ✓  | ✓  | ✓  |
| 45              | ✓              | ✓  | ✓  | ✓  |
| 48              | ✓              | ✓  | ✓  | ✓  |
| 50              | ✓              | ✓  | ✓  | ✓  |
| 52              | ✓              | ✓  | ✓  | ✓  |
| 56              | ✓              | ✓  | ✓  | ✓  |
| 64              | ✓              | ✓  | ✓  | ✓  |
| 72              | ✓              | ✓  | ✓  | ✓  |
| 80              | ✓              | ✓  | ✓  | ✓  |
| 90              | ✓              | ✓  | ✓  | ✓  |
| 112             | ✓              | ✓  | ✓  | ✓  |
| 144             | ✓              | ✓  | ✓  | ✓  |
| 168             | ✓              | ✓  | ✓  | ✓  |
| 192             | ✓              | ✓  | ✓  | ✓  |

# Timing pulleys

Table 14d

## 14M (RSB)

| Number of teeth | For belt width |    |    |     |     |
|-----------------|----------------|----|----|-----|-----|
|                 | 40             | 55 | 85 | 115 | 170 |
| mm              |                |    |    |     |     |
| 28              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 29              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 30              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 32              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 34              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 36              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 38              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 40              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 44              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 48              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 56              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 64              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 72              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 80              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 90              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 112             | ✓              | ✓  | ✓  | ✓   | ✓   |
| 144             | ✓              | ✓  | ✓  | ✓   | ✓   |
| 168             | ✓              | ✓  | ✓  | ✓   | ✓   |
| 192             | ✓              | ✓  | ✓  | ✓   | ✓   |
| 216             | ✓              | ✓  | ✓  | ✓   | ✓   |

Table 14e

## 8M (taper bushed)

| Number of teeth | For belt width |    |    |    |
|-----------------|----------------|----|----|----|
|                 | 20             | 30 | 50 | 85 |
| mm              |                |    |    |    |
| 20              | X              | ✓  | X  | X  |
| 21              | X              | ✓  | X  | X  |
| 22              | ✓              | ✓  | X  | X  |
| 23              | X              | ✓  | X  | X  |
| 24              | ✓              | ✓  | ✓  | ✓  |
| 25              | X              | ✓  | X  | X  |
| 26              | ✓              | ✓  | ✓  | ✓  |
| 27              | X              | ✓  | ✓  | X  |
| 28              | ✓              | ✓  | ✓  | ✓  |
| 30              | ✓              | ✓  | ✓  | ✓  |
| 31              | X              | ✓  | ✓  | X  |
| 32              | ✓              | ✓  | ✓  | X  |
| 33              | X              | ✓  | ✓  | ✓  |
| 34              | ✓              | ✓  | ✓  | ✓  |
| 35              | X              | ✓  | ✓  | ✓  |
| 36              | ✓              | ✓  | ✓  | ✓  |
| 38              | ✓              | ✓  | ✓  | ✓  |
| 40              | ✓              | ✓  | ✓  | ✓  |
| 42              | ✓              | ✓  | ✓  | ✓  |
| 44              | ✓              | ✓  | ✓  | ✓  |
| 45              | X              | ✓  | ✓  | ✓  |
| 48              | ✓              | ✓  | ✓  | ✓  |
| 50              | X              | ✓  | ✓  | ✓  |
| 52              | X              | ✓  | ✓  | ✓  |
| 56              | ✓              | ✓  | ✓  | ✓  |
| 58              | X              | ✓  | ✓  | ✓  |
| 60              | ✓              | ✓  | ✓  | ✓  |
| 64              | ✓              | ✓  | ✓  | ✓  |
| 72              | ✓              | ✓  | ✓  | ✓  |
| 80              | ✓              | ✓  | ✓  | ✓  |
| 90              | ✓              | ✓  | ✓  | ✓  |
| 112             | X              | ✓  | ✓  | ✓  |
| 144             | X              | ✓  | ✓  | ✓  |
| 168             | X              | ✓  | ✓  | ✓  |
| 192             | X              | ✓  | ✓  | ✓  |

Table 14f

## 14M (taper bushed)

| Number of teeth | For belt width |    |    |     |     |
|-----------------|----------------|----|----|-----|-----|
|                 | 40             | 55 | 85 | 115 | 170 |
| mm              |                |    |    |     |     |
| 28              | ✓              | ✓  | ✓  | ✓   | X   |
| 29              | ✓              | ✓  | ✓  | ✓   | X   |
| 30              | ✓              | ✓  | ✓  | ✓   | X   |
| 32              | ✓              | ✓  | ✓  | ✓   | X   |
| 34              | ✓              | ✓  | ✓  | ✓   | X   |
| 35              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 36              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 38              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 40              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 42              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 44              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 45              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 48              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 50              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 56              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 60              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 64              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 72              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 80              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 90              | ✓              | ✓  | ✓  | ✓   | ✓   |
| 112             | ✓              | ✓  | ✓  | ✓   | ✓   |
| 144             | ✓              | ✓  | ✓  | ✓   | ✓   |
| 168             | ✓              | ✓  | ✓  | ✓   | ✓   |
| 192             | ✓              | ✓  | ✓  | ✓   | ✓   |
| 216             | ✓              | ✓  | ✓  | ✓   | ✓   |

Table 14g

## 5M (taper bushed)

| Number of teeth | For belt width |
|-----------------|----------------|
|                 | 15             |
| mm              |                |
| 34              | ✓              |
| 36              | ✓              |
| 38              | ✓              |
| 40              | ✓              |
| 44              | ✓              |
| 48              | ✓              |
| 56              | ✓              |
| 64              | ✓              |
| 72              | ✓              |
| 80              | ✓              |
| 90              | ✓              |
| 112             | ✓              |
| 136             | ✓              |
| 150             | ✓              |

# Timing pulleys

Table 14h

## XL (RSB)

| Number of teeth | For belt width |
|-----------------|----------------|
|                 | 6,4 and 9,5    |
| –               | mm             |
| 10              | ✓              |
| 11              | ✓              |
| 12              | ✓              |
| 13              | ✓              |
| 14              | ✓              |
| 15              | ✓              |
| 16              | ✓              |
| 17              | ✓              |
| 18              | ✓              |
| 19              | ✓              |
| 20              | ✓              |
| 21              | ✓              |
| 22              | ✓              |
| 24              | ✓              |
| 26              | ✓              |
| 27              | ✓              |
| 28              | ✓              |
| 29              | ✓              |
| 30              | ✓              |
| 32              | ✓              |
| 34              | ✓              |
| 35              | ✓              |
| 36              | ✓              |
| 38              | ✓              |
| 40              | ✓              |
| 42              | ✓              |
| 44              | ✓              |
| 45              | ✓              |
| 48              | ✓              |
| 60              | ✓              |
| 72              | ✓              |

Table 14i

## L (RSB)

| Number of teeth | For belt width |      |      |
|-----------------|----------------|------|------|
|                 | 12,7           | 19,1 | 25,4 |
| –               | mm             |      |      |
| 10              | ✓              | ✓    | ✓    |
| 11              | ✓              | ✓    | ✓    |
| 12              | ✓              | ✓    | ✓    |
| 13              | ✓              | ✓    | ✓    |
| 14              | ✓              | ✓    | ✓    |
| 15              | ✓              | ✓    | ✓    |
| 16              | ✓              | ✓    | ✓    |
| 17              | ✓              | ✓    | ✓    |
| 18              | ✓              | ✓    | ✓    |
| 19              | ✓              | ✓    | ✓    |
| 20              | ✓              | ✓    | ✓    |
| 21              | ✓              | ✓    | ✓    |
| 22              | ✓              | ✓    | ✓    |
| 23              | ✓              | ✓    | ✓    |
| 24              | ✓              | ✓    | ✓    |
| 25              | ✓              | ✓    | ✓    |
| 26              | ✓              | ✓    | ✓    |
| 27              | ✓              | ✓    | ✓    |
| 28              | ✓              | ✓    | ✓    |
| 29              | ✓              | ✓    | ✓    |
| 30              | ✓              | ✓    | ✓    |
| 31              | ✓              | ✓    | –    |
| 32              | ✓              | ✓    | ✓    |
| 33              | ✓              | ✓    | ✓    |
| 34              | ✓              | ✓    | ✓    |
| 35              | ✓              | ✓    | ✓    |
| 36              | ✓              | ✓    | ✓    |
| 38              | ✓              | ✓    | ✓    |
| 40              | ✓              | ✓    | ✓    |
| 42              | ✓              | ✓    | ✓    |
| 44              | ✓              | ✓    | ✓    |
| 45              | ✓              | ✓    | ✓    |
| 48              | ✓              | ✓    | ✓    |
| 50              | ✓              | ✓    | ✓    |
| 52              | ✓              | ✓    | ✓    |
| 56              | ✓              | ✓    | ✓    |
| 57              | ✓              | ✓    | ✓    |
| 60              | ✓              | ✓    | ✓    |
| 72              | ✓              | ✓    | ✓    |
| 76              | ✓              | ✓    | ✓    |
| 84              | ✓              | ✓    | ✓    |
| 95              | ✓              | ✓    | ✓    |
| 96              | ✓              | ✓    | ✓    |
| 120             | X              | ✓    | ✓    |

Table 14j

## H (RSB)

| Number of teeth | For belt width |      |      |      |
|-----------------|----------------|------|------|------|
|                 | 19,1           | 25,4 | 38,1 | 50,8 |
| –               | mm             |      |      |      |
| 14              | ✓              | ✓    | ✓    | ✓    |
| 15              | ✓              | ✓    | ✓    | ✓    |
| 16              | ✓              | ✓    | ✓    | ✓    |
| 17              | ✓              | ✓    | ✓    | ✓    |
| 18              | ✓              | ✓    | ✓    | ✓    |
| 19              | ✓              | ✓    | ✓    | ✓    |
| 20              | ✓              | ✓    | ✓    | ✓    |
| 21              | ✓              | ✓    | ✓    | ✓    |
| 22              | ✓              | ✓    | ✓    | ✓    |
| 23              | ✓              | ✓    | ✓    | ✓    |
| 24              | ✓              | ✓    | ✓    | ✓    |
| 25              | ✓              | ✓    | ✓    | ✓    |
| 26              | ✓              | ✓    | ✓    | ✓    |
| 27              | ✓              | ✓    | ✓    | ✓    |
| 28              | ✓              | ✓    | ✓    | ✓    |
| 29              | ✓              | ✓    | ✓    | ✓    |
| 30              | ✓              | ✓    | ✓    | ✓    |
| 31              | ✓              | ✓    | ✓    | ✓    |
| 32              | ✓              | ✓    | ✓    | ✓    |
| 33              | ✓              | ✓    | ✓    | ✓    |
| 34              | ✓              | ✓    | ✓    | ✓    |
| 35              | ✓              | ✓    | ✓    | ✓    |
| 36              | ✓              | ✓    | ✓    | ✓    |
| 38              | ✓              | ✓    | ✓    | ✓    |
| 40              | ✓              | ✓    | ✓    | ✓    |
| 42              | ✓              | ✓    | ✓    | ✓    |
| 44              | ✓              | ✓    | ✓    | ✓    |
| 45              | ✓              | ✓    | ✓    | ✓    |
| 48              | ✓              | ✓    | ✓    | ✓    |
| 50              | ✓              | ✓    | ✓    | ✓    |
| 52              | X              | ✓    | ✓    | ✓    |
| 57              | X              | ✓    | ✓    | ✓    |
| 58              | X              | ✓    | ✓    | ✓    |
| 60              | X              | ✓    | ✓    | ✓    |
| 70              | X              | ✓    | ✓    | ✓    |
| 72              | X              | ✓    | ✓    | ✓    |
| 76              | X              | ✓    | ✓    | ✓    |
| 84              | X              | ✓    | ✓    | ✓    |
| 96              | X              | ✓    | ✓    | ✓    |
| 120             | X              | ✓    | ✓    | ✓    |
| 156             | X              | ✓    | ✓    | ✓    |



# Timing pulleys

Table 14k

## XH (RSB)

| Number of teeth | For belt width |      |       |
|-----------------|----------------|------|-------|
|                 | 50,8           | 76,2 | 101,6 |
| mm              |                |      |       |
| 18              | ✓              | ✓    | ✓     |
| 19              | ✓              | ✓    | ✓     |
| 20              | ✓              | ✓    | ✓     |
| 21              | ✓              | ✓    | ✓     |
| 22              | ✓              | ✓    | ✓     |
| 24              | ✓              | ✓    | ✓     |
| 25              | ✓              | ✓    | ✓     |
| 26              | ✓              | ✓    | ✓     |
| 27              | ✓              | ✓    | ✓     |
| 28              | ✓              | ✓    | ✓     |
| 30              | ✓              | ✓    | ✓     |
| 32              | ✓              | ✓    | ✓     |
| 34              | ✓              | ✓    | ✓     |
| 38              | ✓              | ✓    | ✓     |
| 40              | ✓              | ✓    | ✓     |
| 48              | ✓              | ✓    | ✓     |
| 60              | ✓              | ✓    | ✓     |

Table 14n

## L (taper bushed)

| Number of teeth | For belt width |      |      |
|-----------------|----------------|------|------|
|                 | 12,7           | 19,1 | 25,4 |
| mm              |                |      |      |
| 18              | ✓              | ✓    | ✓    |
| 19              | ✓              | ✓    | ✓    |
| 20              | ✓              | ✓    | ✓    |
| 21              | ✓              | ✓    | ✓    |
| 22              | ✓              | ✓    | ✓    |
| 23              | ✓              | ✓    | ✓    |
| 24              | ✓              | ✓    | ✓    |
| 26              | ✓              | ✓    | ✓    |
| 26              | ✓              | ✓    | ✓    |
| 27              | ✓              | ✓    | ✓    |
| 28              | ✓              | ✓    | ✓    |
| 30              | ✓              | ✓    | ✓    |
| 32              | ✓              | ✓    | ✓    |
| 36              | ✓              | ✓    | ✓    |
| 40              | ✓              | ✓    | ✓    |
| 44              | ✓              | ✓    | ✓    |
| 48              | ✓              | ✓    | ✓    |
| 60              | ✓              | ✓    | ✓    |
| 72              | ✓              | ✓    | ✓    |
| 84              | ✓              | ✓    | ✓    |
| 96              | ✓              | ✓    | ✓    |
| 120             | ✓              | ✓    | ✓    |

Table 14l

## H (taper bushed)

| Number of teeth | For belt width |      |      |      |      |
|-----------------|----------------|------|------|------|------|
|                 | 19,1           | 25,4 | 38,1 | 50,8 | 76,2 |
| mm              |                |      |      |      |      |
| 14              | ✓              | ✓    | ✓    | X    | X    |
| 15              | ✓              | ✓    | X    | X    | X    |
| 16              | ✓              | ✓    | ✓    | ✓    | X    |
| 17              | ✓              | ✓    | X    | X    | X    |
| 18              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 19              | ✓              | ✓    | ✓    | ✓    | X    |
| 20              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 21              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 22              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 23              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 24              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 25              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 26              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 27              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 28              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 29              | ✓              | X    | X    | X    | X    |
| 30              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 32              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 33              | ✓              | X    | X    | X    | X    |
| 34              | ✓              | X    | X    | X    | X    |
| 35              | ✓              | X    | X    | X    | X    |
| 36              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 38              | ✓              | X    | X    | X    | X    |
| 40              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 44              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 48              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 60              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 72              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 84              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 96              | ✓              | ✓    | ✓    | ✓    | ✓    |
| 120             | ✓              | ✓    | ✓    | ✓    | ✓    |

Table 14m

## XH (taper bushed)

| Number of teeth | For belt width |      |       |
|-----------------|----------------|------|-------|
|                 | 50,8           | 76,2 | 101,6 |
| mm              |                |      |       |
| 18              | ✓              | ✓    | ✓     |
| 19              | ✓              | ✓    | ✓     |
| 20              | ✓              | ✓    | ✓     |
| 21              | ✓              | ✓    | ✓     |
| 22              | ✓              | ✓    | ✓     |
| 24              | ✓              | ✓    | ✓     |
| 25              | ✓              | ✓    | ✓     |
| 26              | ✓              | ✓    | ✓     |
| 27              | ✓              | ✓    | ✓     |
| 28              | ✓              | ✓    | ✓     |
| 30              | ✓              | ✓    | ✓     |
| 32              | ✓              | ✓    | ✓     |
| 36              | ✓              | ✓    | ✓     |
| 40              | ✓              | ✓    | ✓     |
| 48              | ✓              | ✓    | ✓     |
| 60              | ✓              | ✓    | ✓     |

# Installation and maintenance

1 Make sure the pulleys are properly aligned. Overall misalignment is usually a combination of parallel misalignment  $\beta$  and angular misalignment  $\alpha$  ( $\rightarrow$  fig. 1). The maximum allowable misalignment is  $1/3$  degree. Higher values will cause tooth wear and reduce belt life. SKF recommends checking the pulleys when the drive is tensioned, since this will indicate misalignment from shaft deflections.

2 Check that pulleys are not worn. Inspect for erosion, which may be seen as pockets on the driving of the pulley ( $\rightarrow$  fig. 2).

Pulleys should be inspected every time a new belt is installed. They are consumable items and should be changed at the third belt installation or sooner if operating under severe conditions.

3 How to install timing belts?

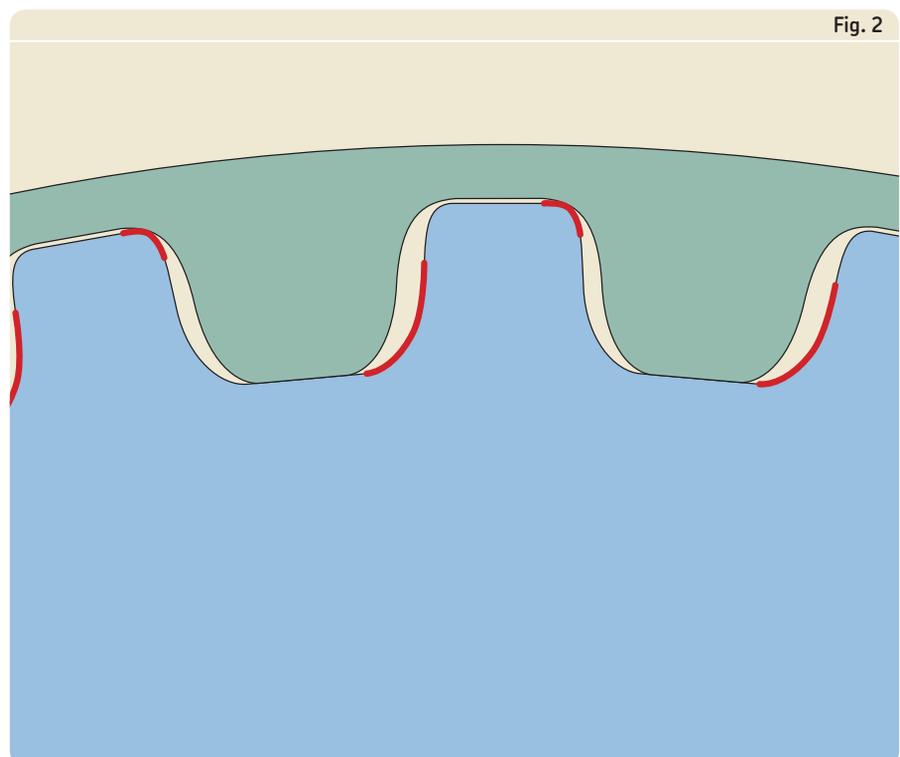
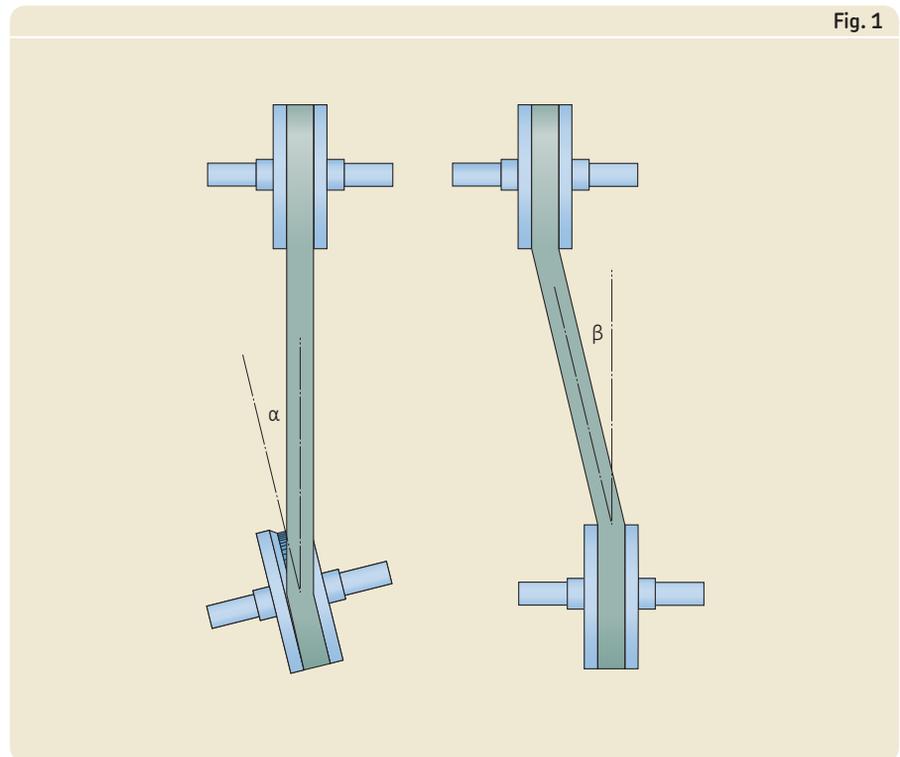
- Inspect pulleys and alignment
- Install new belt over the pulleys
- Measure the span length
- Lengthen the centre distance or adjust the idler to set tension to a specific value
- Use one of the methods described in tensioning chapter for timing belts
- If possible, run the drive for approximately 5 minutes with or without load to take majority of tension decay
- Re-tension to new belt tension value
- Recheck belt tension, alignment and capscrew torque of tapered bushings after 8 hours of operation.

4 Maintenance

Periodic inspection is recommended.

Factors to look for:

- Belt tension – re-tension to previously used run-in belt tension if needed.
- Belt condition – see section *Troubleshooting guide* on **page 152**.
- Check alignment with the SKF Belt Alignment Tool
- Check pulley conditions



# Troubleshooting guide

Table 15

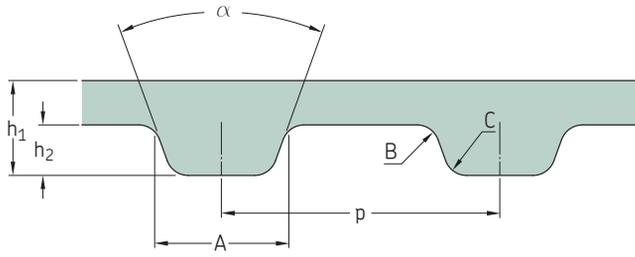
## Timing belt failure and troubleshooting guide

| Problem                     | Possible causes                                       | Solution   |
|-----------------------------|---|--|
| Excessive edge wear         | Misaligned drive                                      | Check pulley alignment                               |
|                             | Belt too wide   | Check belt/pulley compatibility                      |
|                             | Bent or rough flange                                  | Replace or repair the pulley                         |
|                             | Belts undertensioned                                  | Check belt tension                                   |
| Tooth shear                 | Excessive load, shock on the drive                    | Check drive design (power rating)                    |
|                             | Worn pulleys or excessive pulley runout               | Replace pulleys                                      |
|                             | Incorrect match of belt and pulleys                   | Check belt/pulley compatibility                      |
|                             | Belt overtensioned or undertensioned                  | Check belt tension                                   |
|                             | Less than 6 teeth in mesh                             | Redesign the drive                                   |
| Excessive tooth wear        | Belt overtensioned or undertensioned                  | Check belt tension                                   |
|                             | Excessive load  | Check drive design (power rating)                    |
|                             | Misalignment  | Check pulley alignment                               |
|                             | Worn pulleys  | Replace pulleys                                      |
|                             | Incorrect match of belt and pulleys                   | Check belt/pulley compatibility                      |
| Belts break                 | Damage of glass cord due to handling.                 | Follow proper handling procedure                     |
|                             | Debris in pulley, drive exposed to debris             | Clean pulleys and protect drive                      |
|                             | Excessive load  | Check drive design (power rating)                    |
| Backside cracks on the belt | Pulley diameter too low                               | Follow recommendations for minimum pulley diameter   |
|                             | Backside idler  | Use inside idler or increase backside idler diameter |
|                             | Belt runs out of temperature range                    | Try to control conditions                            |
| Excessive drive noise       | Misalignment  | Check pulley alignment                               |
|                             | Belt overtensioned or undertensioned                  | Check belt tension                                   |
|                             | Too high belt speed (> 33 m/s)                        | Redesign the drive                                   |
|                             | Excessive load  | Check drive design (power rating)                    |
| Improper tracking           | Misalignment  | Check pulley alignment                               |
|                             | Too high centre distance (> 8× small pulley diameter) | Redesign the drive                                   |



# SKF Classical Timing Belts

XL



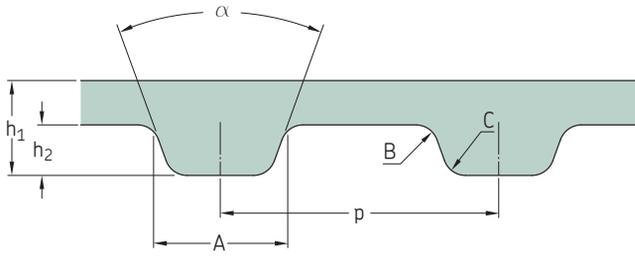
| Section | Number of teeth | Dimensions |        | h <sub>1</sub> | h <sub>2</sub> | A    | B    | p     | C    | α  | Designation    |
|---------|-----------------|------------|--------|----------------|----------------|------|------|-------|------|----|----------------|
|         |                 | in.        | mm     |                |                |      |      |       |      |    |                |
| XL      | 22              | 4,40       | 111,76 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 44-XL-...  |
|         | 28              | 5,60       | 142,24 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 56-XL-...  |
|         | 30              | 6,00       | 152,40 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 60-XL-...  |
|         | 35              | 7,00       | 177,80 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 70-XL-...  |
|         | 36              | 7,20       | 182,88 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 72-XL-...  |
|         | 37              | 7,40       | 187,96 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 74-XL-...  |
|         | 38              | 7,60       | 193,04 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 76-XL-...  |
|         | 40              | 8,00       | 203,20 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 80-XL-...  |
|         | 41              | 8,20       | 208,28 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 82-XL-...  |
|         | 42              | 8,40       | 213,36 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 84-XL-...  |
|         | 43              | 8,60       | 218,44 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 86-XL-...  |
|         | 44              | 8,80       | 223,52 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 88-XL-...  |
|         | 45              | 9,00       | 228,60 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 90-XL-...  |
|         | 46              | 9,20       | 233,68 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 92-XL-...  |
|         | 47              | 9,40       | 238,76 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 94-XL-...  |
|         | 48              | 9,60       | 243,84 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 96-XL-...  |
|         | 49              | 9,80       | 248,92 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 98-XL-...  |
|         | 50              | 10,00      | 254,00 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 100-XL-... |
|         | 51              | 10,20      | 259,08 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 102-XL-... |
|         | 52              | 10,40      | 264,16 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 104-XL-... |
|         | 53              | 10,60      | 269,24 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 106-XL-... |
|         | 54              | 10,80      | 274,32 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 108-XL-... |
|         | 55              | 11,00      | 279,40 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 110-XL-... |
|         | 56              | 11,20      | 284,48 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 112-XL-... |
|         | 57              | 11,40      | 289,56 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 114-XL-... |
|         | 58              | 11,60      | 294,64 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 116-XL-... |
|         | 59              | 11,80      | 299,72 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 118-XL-... |
|         | 60              | 12,00      | 304,80 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 120-XL-... |
|         | 61              | 12,20      | 309,88 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 122-XL-... |
|         | 62              | 12,40      | 314,96 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 124-XL-... |
|         | 63              | 12,60      | 320,04 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 126-XL-... |
|         | 64              | 12,80      | 325,12 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 128-XL-... |
|         | 65              | 13,00      | 330,20 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 130-XL-... |
|         | 66              | 13,20      | 335,28 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 132-XL-... |
|         | 67              | 13,40      | 340,36 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 134-XL-... |
|         | 68              | 13,60      | 345,44 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 136-XL-... |
|         | 70              | 14,00      | 355,60 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 140-XL-... |
|         | 71              | 14,20      | 360,68 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 142-XL-... |
|         | 72              | 14,40      | 365,76 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 144-XL-... |
|         | 73              | 14,60      | 370,84 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 146-XL-... |
|         | 74              | 14,80      | 375,92 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 148-XL-... |
|         | 75              | 15,00      | 381,00 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 150-XL-... |
|         | 76              | 15,20      | 386,08 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 152-XL-... |
|         | 77              | 15,40      | 391,16 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 154-XL-... |
|         | 78              | 15,60      | 396,24 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 156-XL-... |
|         | 80              | 16,00      | 406,40 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 160-XL-... |
|         | 81              | 16,20      | 411,48 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 162-XL-... |
|         | 82              | 16,40      | 416,56 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 164-XL-... |
|         | 83              | 16,60      | 421,64 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 166-XL-... |
|         | 84              | 16,80      | 426,72 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 168-XL-... |
|         | 85              | 17,00      | 431,80 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 170-XL-... |
|         | 86              | 17,20      | 436,88 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 172-XL-... |
|         | 88              | 17,60      | 447,04 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 176-XL-... |
|         | 89              | 17,80      | 452,12 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 178-XL-... |
|         | 90              | 18,00      | 457,20 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 180-XL-... |
|         | 91              | 18,20      | 462,28 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 182-XL-... |
|         | 92              | 18,40      | 467,36 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 184-XL-... |
|         | 93              | 18,60      | 472,44 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 186-XL-... |
|         | 94              | 18,80      | 477,52 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 188-XL-... |
|         | 95              | 19,00      | 482,60 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 190-XL-... |

Non-standard lengths may also be available.  
 To complete designation, add three digits for belt width in 1/100th of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.  
 Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.



# SKF Classical Timing Belts

XL



| Section | Number of teeth | Dimensions |          | h <sub>1</sub> | h <sub>2</sub> | A    | B    | p     | C    | α  | Designation    |
|---------|-----------------|------------|----------|----------------|----------------|------|------|-------|------|----|----------------|
|         |                 | in.        | mm       |                |                |      |      |       |      |    |                |
| XL      | 96              | 19,20      | 487,68   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 192-XL-... |
|         | 97              | 19,40      | 492,76   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 194-XL-... |
|         | 98              | 19,60      | 497,84   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 196-XL-... |
|         | 99              | 19,80      | 502,92   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 198-XL-... |
|         | 100             | 20,00      | 508,00   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 200-XL-... |
|         | 101             | 20,20      | 513,08   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 202-XL-... |
|         | 103             | 20,60      | 523,24   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 206-XL-... |
|         | 104             | 20,80      | 528,32   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 208-XL-... |
|         | 105             | 21,00      | 533,40   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 210-XL-... |
|         | 106             | 21,20      | 538,48   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 212-XL-... |
|         | 107             | 21,40      | 543,56   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 214-XL-... |
|         | 109             | 21,80      | 553,72   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 218-XL-... |
|         | 110             | 22,00      | 558,80   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 220-XL-... |
|         | 113             | 22,60      | 574,04   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 226-XL-... |
|         | 114             | 22,80      | 579,12   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 228-XL-... |
|         | 115             | 23,00      | 584,20   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 230-XL-... |
|         | 117             | 23,40      | 594,36   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 234-XL-... |
|         | 118             | 23,60      | 599,44   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 236-XL-... |
|         | 120             | 24,00      | 609,60   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 240-XL-... |
|         | 124             | 24,80      | 629,92   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 248-XL-... |
|         | 125             | 25,00      | 635,00   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 250-XL-... |
|         | 128             | 25,60      | 650,24   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 256-XL-... |
|         | 130             | 26,00      | 660,40   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 260-XL-... |
|         | 132             | 26,40      | 670,56   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 264-XL-... |
|         | 135             | 27,00      | 685,80   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 270-XL-... |
|         | 137             | 27,40      | 695,96   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 274-XL-... |
|         | 138             | 27,60      | 701,04   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 276-XL-... |
|         | 140             | 28,00      | 711,20   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 280-XL-... |
|         | 141             | 28,20      | 716,28   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 282-XL-... |
|         | 143             | 28,60      | 726,44   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 286-XL-... |
|         | 145             | 29,00      | 736,60   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 290-XL-... |
|         | 150             | 30,00      | 762,00   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 300-XL-... |
|         | 152             | 30,40      | 772,16   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 304-XL-... |
|         | 153             | 30,60      | 777,24   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 306-XL-... |
|         | 155             | 31,00      | 787,40   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 310-XL-... |
|         | 158             | 31,60      | 802,64   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 316-XL-... |
|         | 160             | 32,00      | 812,80   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 320-XL-... |
|         | 161             | 32,20      | 817,88   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 322-XL-... |
|         | 163             | 32,60      | 828,04   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 326-XL-... |
|         | 165             | 33,00      | 838,20   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 330-XL-... |
|         | 170             | 34,00      | 863,60   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 340-XL-... |
|         | 172             | 34,40      | 873,76   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 344-XL-... |
|         | 174             | 34,80      | 883,92   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 348-XL-... |
|         | 176             | 35,20      | 894,08   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 352-XL-... |
|         | 178             | 35,60      | 904,24   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 356-XL-... |
|         | 180             | 36,00      | 914,40   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 360-XL-... |
|         | 181             | 36,20      | 919,48   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 362-XL-... |
|         | 182             | 36,40      | 924,56   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 364-XL-... |
|         | 186             | 37,20      | 944,88   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 372-XL-... |
|         | 188             | 37,60      | 955,04   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 376-XL-... |
|         | 190             | 38,00      | 965,20   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 380-XL-... |
|         | 192             | 38,40      | 975,36   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 384-XL-... |
|         | 195             | 39,00      | 990,60   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 390-XL-... |
|         | 196             | 39,20      | 995,68   | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 392-XL-... |
|         | 200             | 40,00      | 1 016,00 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 400-XL-... |
|         | 206             | 41,20      | 1 046,48 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 412-XL-... |
|         | 207             | 41,40      | 1 051,56 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 414-XL-... |
|         | 212             | 42,40      | 1 076,96 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 424-XL-... |
|         | 215             | 43,00      | 1 092,20 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 430-XL-... |
|         | 216             | 43,20      | 1 097,28 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 432-XL-... |

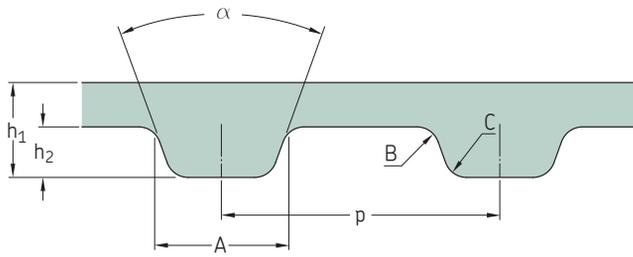
Non-standard lengths may also be available.

To complete designation, add three digits for belt width in 1/100th of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.

Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.

# SKF Classical Timing Belts

XL | L



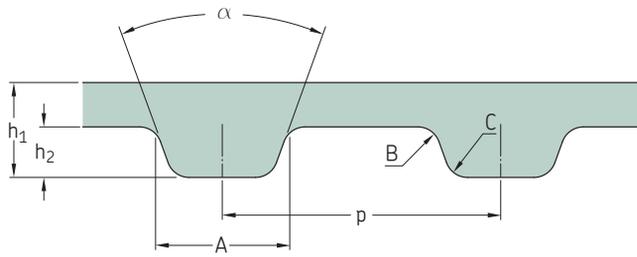
| Section | Number of teeth | Dimensions |          | h <sub>1</sub> | h <sub>2</sub> | A    | B    | p     | C    | α  | Designation     |
|---------|-----------------|------------|----------|----------------|----------------|------|------|-------|------|----|-----------------|
|         |                 | in.        | mm       |                |                |      |      |       |      |    |                 |
| XL      | 217             | 43,40      | 1 102,36 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 434-XL-...  |
|         | 225             | 45,00      | 1 143,00 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 450-XL-...  |
|         | 230             | 46,00      | 1 168,40 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 460-XL-...  |
|         | 240             | 48,00      | 1 219,20 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 480-XL-...  |
|         | 245             | 49,00      | 1 244,60 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 490-XL-...  |
|         | 246             | 49,20      | 1 249,68 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 492-XL-...  |
|         | 257             | 51,40      | 1 305,56 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 514-XL-...  |
|         | 280             | 56,00      | 1 422,40 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 560-XL-...  |
|         | 282             | 56,40      | 1 432,56 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 564-XL-...  |
|         | 290             | 58,00      | 1 473,20 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 580-XL-...  |
|         | 306             | 61,20      | 1 554,48 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 612-XL-...  |
|         | 315             | 63,00      | 1 600,20 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 630-XL-...  |
|         | 335             | 67,00      | 1 701,80 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 670-XL-...  |
|         | 336             | 67,20      | 1 706,88 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 672-XL-...  |
|         | 343             | 68,60      | 1 742,44 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 686-XL-...  |
|         | 355             | 71,00      | 1 803,40 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 710-XL-...  |
|         | 360             | 72,00      | 1 828,80 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 720-XL-...  |
|         | 368             | 73,60      | 1 869,44 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 736-XL-...  |
|         | 394             | 78,80      | 2 001,52 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 788-XL-...  |
|         | 430             | 86,00      | 2 184,40 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 860-XL-...  |
|         | 516             | 103,20     | 2 621,28 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 1032-XL-... |
|         | 610             | 122,00     | 3 098,80 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 1220-XL-... |
|         | 650             | 130,00     | 3 302,00 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 1300-XL-... |
|         | 747             | 149,40     | 3 794,76 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 1494-XL-... |
|         | 1 064           | 212,80     | 5 405,12 | 2,30           | 1,27           | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 2128-XL-... |
| L       | 18              | 6,75       | 171,45   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 67-L-...    |
|         | 26              | 9,75       | 247,65   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 98-L-...    |
|         | 29              | 10,88      | 276,23   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 109-L-...   |
|         | 30              | 11,25      | 285,75   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 113-L-...   |
|         | 33              | 12,38      | 314,33   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 124-L-...   |
|         | 35              | 13,13      | 333,38   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 130-L-...   |
|         | 36              | 13,50      | 342,90   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 135-L-...   |
|         | 38              | 14,25      | 361,95   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 143-L-...   |
|         | 40              | 15,00      | 381,00   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 150-L-...   |
|         | 41              | 15,38      | 390,53   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 154-L-...   |
|         | 42              | 15,75      | 400,05   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 158-L-...   |
|         | 43              | 16,13      | 409,58   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 160-L-...   |
|         | 44              | 16,50      | 419,10   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 165-L-...   |
|         | 45              | 16,88      | 428,63   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 169-L-...   |
|         | 46              | 17,25      | 438,15   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 173-L-...   |
|         | 47              | 17,63      | 447,68   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 177-L-...   |
|         | 48              | 18,00      | 457,20   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 180-L-...   |
|         | 49              | 18,38      | 466,73   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 185-L-...   |
|         | 50              | 18,75      | 476,25   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 187-L-...   |
|         | 51              | 19,13      | 485,78   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 191-L-...   |
|         | 52              | 19,50      | 495,30   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 195-L-...   |
|         | 54              | 20,25      | 514,35   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 203-L-...   |
|         | 56              | 21,00      | 533,40   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 210-L-...   |
|         | 57              | 21,38      | 542,93   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 214-L-...   |
|         | 58              | 21,75      | 552,45   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 217-L-...   |
|         | 60              | 22,50      | 571,50   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 225-L-...   |
|         | 62              | 23,25      | 590,55   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 232-L-...   |
|         | 63              | 23,60      | 599,44   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 236-L-...   |
|         | 64              | 24,00      | 609,60   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 240-L-...   |
|         | 65              | 24,38      | 619,13   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 244-L-...   |
|         | 68              | 25,50      | 647,70   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 255-L-...   |
|         | 69              | 25,80      | 655,32   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 258-L-...   |
|         | 70              | 26,25      | 666,75   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 263-L-...   |
|         | 71              | 26,63      | 676,28   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 265-L-...   |
|         | 72              | 27,00      | 685,80   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 270-L-...   |

Non-standard lengths may also be available.  
 To complete designation, add three digits for belt width in 1/100th of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.  
 Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.



# SKF Classical Timing Belts

L



| Section | Number of teeth | Dimensions |          | h <sub>1</sub> | h <sub>2</sub> | A    | B    | p     | C    | α  | Designation   |
|---------|-----------------|------------|----------|----------------|----------------|------|------|-------|------|----|---------------|
|         |                 | in.        | mm       |                |                |      |      |       |      |    |               |
| L       | 73              | 27,38      | 695,33   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 275-L-... |
|         | 74              | 27,75      | 704,85   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 277-L-... |
|         | 75              | 28,13      | 714,38   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 280-L-... |
|         | 76              | 28,50      | 723,90   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 285-L-... |
|         | 80              | 30,00      | 762,00   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 300-L-... |
|         | 81              | 30,38      | 771,53   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 304-L-... |
|         | 84              | 31,50      | 800,10   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 315-L-... |
|         | 85              | 31,88      | 809,63   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 320-L-... |
|         | 86              | 32,25      | 819,15   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 322-L-... |
|         | 87              | 32,63      | 828,68   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 328-L-... |
|         | 88              | 33,00      | 838,20   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 330-L-... |
|         | 89              | 33,38      | 847,73   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 334-L-... |
|         | 90              | 33,75      | 857,25   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 337-L-... |
|         | 91              | 34,13      | 866,78   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 341-L-... |
|         | 92              | 34,50      | 876,30   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 345-L-... |
|         | 94              | 35,25      | 895,35   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 352-L-... |
|         | 96              | 36,00      | 914,40   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 360-L-... |
|         | 98              | 36,75      | 933,45   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 367-L-... |
|         | 99              | 37,13      | 942,98   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 371-L-... |
|         | 100             | 37,50      | 952,50   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 375-L-... |
|         | 102             | 38,25      | 971,55   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 382-L-... |
|         | 103             | 38,63      | 981,08   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 387-L-... |
|         | 104             | 39,00      | 990,60   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 390-L-... |
|         | 105             | 39,38      | 1 000,13 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 394-L-... |
|         | 106             | 39,75      | 1 009,65 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 397-L-... |
|         | 108             | 40,50      | 1 028,70 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 405-L-... |
|         | 109             | 40,88      | 1 038,23 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 408-L-... |
|         | 110             | 41,25      | 1 047,75 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 412-L-... |
|         | 112             | 42,00      | 1 066,80 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 420-L-... |
|         | 114             | 42,75      | 1 085,85 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 427-L-... |
|         | 116             | 43,50      | 1 104,90 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 435-L-... |
|         | 117             | 43,88      | 1 114,43 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 439-L-... |
|         | 119             | 44,20      | 1 122,68 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 442-L-... |
|         | 120             | 45,00      | 1 143,00 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 450-L-... |
|         | 121             | 45,38      | 1 152,53 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 453-L-... |
|         | 123             | 46,13      | 1 171,70 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 461-L-... |
|         | 124             | 46,50      | 1 181,10 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 465-L-... |
|         | 128             | 48,00      | 1 219,20 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 480-L-... |
|         | 132             | 49,50      | 1 257,30 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 495-L-... |
|         | 133             | 50,00      | 1 270,00 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 500-L-... |
|         | 136             | 51,00      | 1 295,40 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 510-L-... |
|         | 138             | 51,80      | 1 315,72 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 518-L-... |
|         | 140             | 52,50      | 1 333,50 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 525-L-... |
|         | 144             | 54,00      | 1 371,60 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 540-L-... |
|         | 148             | 55,50      | 1 409,70 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 555-L-... |
|         | 148             | 54,80      | 1 391,92 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 548-L-... |
|         | 152             | 57,00      | 1 447,80 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 570-L-... |
|         | 153             | 57,38      | 1 457,33 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 574-L-... |
|         | 155             | 58,13      | 1 476,38 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 581-L-... |
|         | 156             | 58,50      | 1 485,90 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 585-L-... |
|         | 160             | 60,00      | 1 524,00 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 600-L-... |
|         | 165             | 61,88      | 1 571,63 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 619-L-... |
|         | 168             | 63,00      | 1 600,2  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 630-L-... |
|         | 169             | 63,38      | 1 609,73 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 634-L-... |
|         | 176             | 66,00      | 1 676,4  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 660-L-... |
|         | 185             | 69,38      | 1 762,13 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 694-L-... |
|         | 186             | 69,75      | 1 771,65 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 697-L-... |
|         | 187             | 70,13      | 1 781,3  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 701-L-... |
|         | 192             | 72,00      | 1 828,8  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 720-L-... |
|         | 194             | 72,75      | 1 847,85 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 728-L-... |
|         | 195             | 73,13      | 1 857,38 | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 731-L-... |

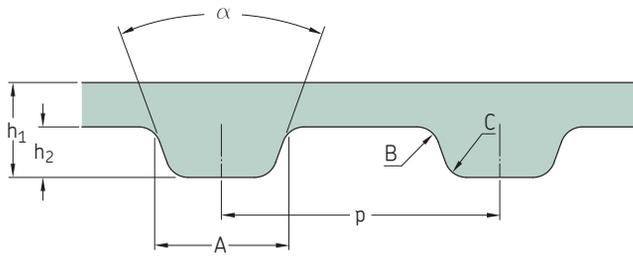
Non-standard lengths may also be available.

To complete designation, add three digits for belt width in 1/100th of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.

Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.

# SKF Classical Timing Belts

L | H



| Section | Number of teeth | Dimensions |          | h <sub>1</sub> | h <sub>2</sub> | A    | B    | p     | C    | α  | Designation    |
|---------|-----------------|------------|----------|----------------|----------------|------|------|-------|------|----|----------------|
|         |                 | in.        | mm       |                |                |      |      |       |      |    |                |
| L       | 204             | 76,50      | 1943,1   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 765-L-...  |
|         | 218             | 81,75      | 2076,45  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 817-L-...  |
|         | 224             | 84,00      | 2133,6   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 840-L-...  |
|         | 228             | 85,50      | 2171,7   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 855-L-...  |
|         | 230             | 86,25      | 2190,75  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 863-L-...  |
|         | 232             | 87,00      | 2209,8   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 870-L-...  |
|         | 235             | 88,13      | 2238,38  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 881-L-...  |
|         | 240             | 90,00      | 2286     | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 900-L-...  |
|         | 244             | 91,50      | 2324,1   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 915-L-...  |
|         | 249             | 93,38      | 2371,73  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 934-L-...  |
|         | 261             | 98,00      | 2489,2   | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 980-L-...  |
|         | 274             | 102,75     | 2609,85  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 1028-L-... |
|         | 306             | 114,75     | 2914,65  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 1148-L-... |
|         | 318             | 119,25     | 3028,95  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 1192-L-... |
|         | 375             | 140,63     | 3571,88  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 1406-L-... |
|         | 378             | 141,75     | 3600,45  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 1418-L-... |
|         | 447             | 167,63     | 4257,68  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 1675-L-... |
|         | 530             | 198,75     | 5048,25  | 3,60           | 1,91           | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 1998-L-... |
| H       | 29              | 14,50      | 368,3    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 145-H-...  |
|         | 37              | 18,50      | 469,9    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 185-H-...  |
|         | 40              | 20,00      | 508      | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 200-H-...  |
|         | 41              | 20,50      | 520,7    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 205-H-...  |
|         | 42              | 21,00      | 533,4    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 210-H-...  |
|         | 44              | 22,00      | 558,8    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 220-H-...  |
|         | 45              | 22,50      | 571,5    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 225-H-...  |
|         | 46              | 23,00      | 584,2    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 230-H-...  |
|         | 48              | 24,00      | 609,6    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 240-H-...  |
|         | 49              | 24,50      | 622,3    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 245-H-...  |
|         | 50              | 25,00      | 635      | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 250-H-...  |
|         | 51              | 25,50      | 647,7    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 255-H-...  |
|         | 52              | 26,00      | 660,4    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 260-H-...  |
|         | 54              | 27,00      | 685,8    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 270-H-...  |
|         | 56              | 28,00      | 711,2    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 280-H-...  |
|         | 57              | 28,50      | 723,9    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 285-H-...  |
|         | 58              | 29,00      | 736,6    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 290-H-...  |
|         | 60              | 30,00      | 762      | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 300-H-...  |
|         | 62              | 31,00      | 787,4    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 310-H-...  |
|         | 63              | 31,50      | 800,1    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 315-H-...  |
|         | 64              | 32,00      | 812,8    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 320-H-...  |
|         | 65              | 32,50      | 825,5    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 325-H-...  |
|         | 66              | 33,00      | 838,2    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 330-H-...  |
|         | 67              | 33,50      | 850,9    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 335-H-...  |
|         | 68              | 34,00      | 863,6    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 340-H-...  |
|         | 69              | 34,50      | 876,3    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 345-H-...  |
|         | 70              | 35,00      | 889      | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 350-H-...  |
|         | 71              | 35,50      | 901,7    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 355-H-...  |
|         | 72              | 36,00      | 914,4    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 360-H-...  |
|         | 73              | 36,50      | 927,1    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 365-H-...  |
|         | 74              | 37,00      | 939,8    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 370-H-...  |
|         | 75              | 37,50      | 952,5    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 375-H-...  |
|         | 76              | 38,00      | 965,2    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 380-H-...  |
|         | 78              | 39,00      | 990,6    | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 390-H-...  |
|         | 79              | 39,50      | 1 003,30 | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 395-H-...  |
|         | 80              | 40,00      | 1 016,00 | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 400-H-...  |
|         | 81              | 40,50      | 1 028,70 | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 405-H-...  |
|         | 82              | 41,00      | 1 041,40 | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 410-H-...  |
|         | 84              | 42,00      | 1 066,80 | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 420-H-...  |
|         | 85              | 42,50      | 1 079,50 | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 425-H-...  |
|         | 86              | 43,00      | 1 092,20 | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 430-H-...  |

Non-standard lengths may also be available.

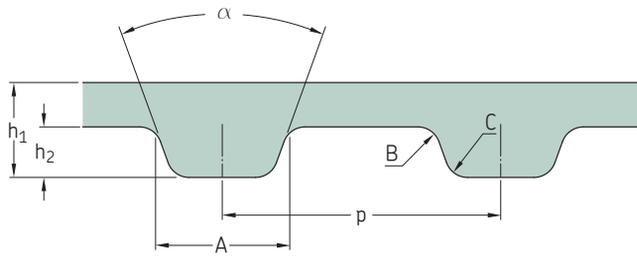
To complete designation, add three digits for belt width in 1/100th of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.

Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.



# SKF Classical Timing Belts

H



| Section | Number of teeth | Dimensions   |          | h <sub>1</sub> | h <sub>2</sub> | A    | B    | p     | C    | α             | Designation   |
|---------|-----------------|--------------|----------|----------------|----------------|------|------|-------|------|---------------|---------------|
|         |                 | Pitch length |          |                |                |      |      |       |      |               |               |
| -       | -               | in.          | mm       |                |                |      |      |       |      | °             | -             |
| H       | 89              | 44,50        | 1 130,30 | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40            | PHG 445-H-... |
|         | 90              | 45,00        | 1 143,00 | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40            | PHG 450-H-... |
|         | 91              | 45,50        | 1 155,70 | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40            | PHG 455-H-... |
|         | 92              | 46,00        | 1 168,40 | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40            | PHG 460-H-... |
|         | 93              | 46,50        | 1 181,10 | 4,30           | 2,29           | 6,12 | 1,02 | 12,00 | 1,02 | 40            | PHG 465-H-... |
|         | 96              | 48,00        | 1 219,20 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 480-H-... |
|         | 97              | 48,50        | 1 231,90 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 485-H-... |
|         | 98              | 49,00        | 1 244,60 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 490-H-... |
|         | 100             | 50,00        | 1 270,00 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 500-H-... |
|         | 102             | 51,00        | 1 295,40 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 510-H-... |
|         | 103             | 51,50        | 1 308,10 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 515-H-... |
|         | 104             | 52,00        | 1 320,80 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 520-H-... |
|         | 105             | 52,50        | 1 333,50 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 525-H-... |
|         | 106             | 53,00        | 1 346,20 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 530-H-... |
|         | 107             | 53,50        | 1 358,90 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 535-H-... |
|         | 108             | 54,00        | 1 371,60 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 540-H-... |
|         | 110             | 55,00        | 1 397,00 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 550-H-... |
|         | 111             | 55,50        | 1 409,70 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 555-H-... |
|         | 112             | 56,00        | 1 422,40 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 560-H-... |
|         | 113             | 56,50        | 1 435,10 | 4,30           | 2,29           | 6,12 | 1,02 | 12,70 | 1,02 | 40            | PHG 565-H-... |
|         | 114             | 57           | 1 447,8  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 570-H-... |
|         | 116             | 58           | 1 473,2  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 580-H-... |
|         | 117             | 58,5         | 1 485,9  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 585-H-... |
|         | 118             | 59           | 1 498,6  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 590-H-... |
|         | 120             | 60           | 1 524    | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 600-H-... |
|         | 121             | 60,5         | 1 536,7  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 605-H-... |
|         | 122             | 61           | 1 549,4  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 610-H-... |
|         | 125             | 62,5         | 1 587,5  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 625-H-... |
|         | 126             | 63           | 1 600,2  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 630-H-... |
|         | 128             | 64           | 1 625,6  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 640-H-... |
|         | 130             | 65           | 1 651    | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 650-H-... |
|         | 132             | 66           | 1 676,4  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 660-H-... |
|         | 134             | 67           | 1 701,8  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 670-H-... |
|         | 136             | 68           | 1 727,2  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 680-H-... |
|         | 138             | 69           | 1 752,6  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 690-H-... |
|         | 139             | 69,5         | 1 765,3  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 695-H-... |
|         | 140             | 70           | 1 778    | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 700-H-... |
|         | 142             | 71           | 1 803,4  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 710-H-... |
|         | 144             | 72           | 1 828,8  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 720-H-... |
|         | 145             | 72,5         | 1 841,5  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 725-H-... |
|         | 146             | 73           | 1 854,2  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 730-H-... |
|         | 148             | 74           | 1 879,6  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 740-H-... |
|         | 150             | 75           | 1 905    | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 750-H-... |
|         | 154             | 77           | 1 955,8  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 770-H-... |
|         | 155             | 77,5         | 1 968,5  | 4,3            | 2,29           | 6,12 | 1,02 | 12,7  | 1,02 | 40            | PHG 775-H-... |
| 157     | 78,5            | 1 993,9      | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 785-H-... |               |
| 160     | 80              | 2 032        | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 800-H-... |               |
| 162     | 81              | 2 057,4      | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 810-H-... |               |
| 164     | 82              | 2 082,8      | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 820-H-... |               |
| 166     | 83              | 2 108,2      | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 830-H-... |               |
| 168     | 84              | 2 133,6      | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 840-H-... |               |
| 170     | 85              | 2 159        | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 850-H-... |               |
| 172     | 86              | 2 184,4      | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 860-H-... |               |
| 176     | 88              | 2 235,2      | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 880-H-... |               |
| 179     | 89,5            | 2 273,3      | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 895-H-... |               |
| 180     | 90              | 2 286        | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 900-H-... |               |
| 184     | 92              | 2 336,8      | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 920-H-... |               |
| 186     | 93              | 2 362,2      | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 930-H-... |               |
| 190     | 95              | 2 413        | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 950-H-... |               |
| 192     | 96              | 2 438,4      | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 960-H-... |               |
| 196     | 98              | 2 489,2      | 4,3      | 2,29           | 6,12           | 1,02 | 12,7 | 1,02  | 40   | PHG 980-H-... |               |

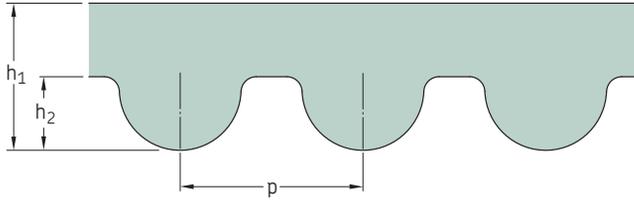
Non-standard lengths may also be available.

To complete designation, add three digits for belt width in 1/100th of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.

Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.

# SKF HiTD Belts

5M



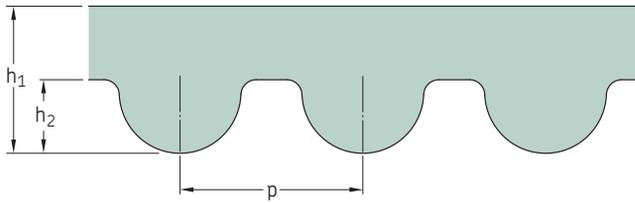
| Section | Number of teeth per side | Dimensions Pitch length |       |      | Designation | Section        | Number of teeth per side | Dimensions Pitch length |       |     | Designation |     |                 |
|---------|--------------------------|-------------------------|-------|------|-------------|----------------|--------------------------|-------------------------|-------|-----|-------------|-----|-----------------|
|         |                          | $h_1$                   | $h_2$ | $p$  |             |                |                          | $h_1$                   | $h_2$ | $p$ |             |     |                 |
| -       | -                        | mm                      |       |      | -           | -              | mm                       |                         |       | -   |             |     |                 |
| 5M      | 40                       | 200                     | 3,6   | 2,10 | 5,0         | PHG 200-5M-... | 5M                       | 115                     | 575   | 3,6 | 2,10        | 5,0 | PHG 575-5M-...  |
|         | 42                       | 210                     | 3,6   | 2,10 | 5,0         | PHG 210-5M-... |                          | 116                     | 580   | 3,6 | 2,10        | 5,0 | PHG 580-5M-...  |
|         | 43                       | 215                     | 3,6   | 2,10 | 5,0         | PHG 215-5M-... |                          | 117                     | 585   | 3,6 | 2,10        | 5,0 | PHG 585-5M-...  |
|         | 45                       | 225                     | 3,6   | 2,10 | 5,0         | PHG 225-5M-... |                          | 118                     | 590   | 3,6 | 2,10        | 5,0 | PHG 590-5M-...  |
|         | 46                       | 230                     | 3,6   | 2,10 | 5,0         | PHG 230-5M-... |                          | 120                     | 600   | 3,6 | 2,10        | 5,0 | PHG 600-5M-...  |
|         | 47                       | 235                     | 3,6   | 2,10 | 5,0         | PHG 235-5M-... |                          | 121                     | 605   | 3,6 | 2,10        | 5,0 | PHG 605-5M-...  |
|         | 49                       | 245                     | 3,6   | 2,10 | 5,0         | PHG 245-5M-... |                          | 122                     | 610   | 3,6 | 2,10        | 5,0 | PHG 610-5M-...  |
|         | 50                       | 250                     | 3,6   | 2,10 | 5,0         | PHG 250-5M-... |                          | 123                     | 615   | 3,6 | 2,10        | 5,0 | PHG 615-5M-...  |
|         | 51                       | 255                     | 3,6   | 2,10 | 5,0         | PHG 255-5M-... |                          | 124                     | 620   | 3,6 | 2,10        | 5,0 | PHG 620-5M-...  |
|         | 52                       | 260                     | 3,6   | 2,10 | 5,0         | PHG 260-5M-... |                          | 125                     | 625   | 3,6 | 2,10        | 5,0 | PHG 625-5M-...  |
|         | 53                       | 265                     | 3,6   | 2,10 | 5,0         | PHG 265-5M-... |                          | 126                     | 630   | 3,6 | 2,10        | 5,0 | PHG 630-5M-...  |
|         | 54                       | 270                     | 3,6   | 2,10 | 5,0         | PHG 270-5M-... |                          | 127                     | 635   | 3,6 | 2,10        | 5,0 | PHG 635-5M-...  |
|         | 56                       | 280                     | 3,6   | 2,10 | 5,0         | PHG 280-5M-... |                          | 128                     | 640   | 3,6 | 2,10        | 5,0 | PHG 640-5M-...  |
|         | 57                       | 285                     | 3,6   | 2,10 | 5,0         | PHG 285-5M-... |                          | 129                     | 645   | 3,6 | 2,10        | 5,0 | PHG 645-5M-...  |
|         | 59                       | 295                     | 3,6   | 2,10 | 5,0         | PHG 295-5M-... |                          | 130                     | 650   | 3,6 | 2,10        | 5,0 | PHG 650-5M-...  |
|         | 60                       | 300                     | 3,6   | 2,10 | 5,0         | PHG 300-5M-... |                          | 131                     | 655   | 3,6 | 2,10        | 5,0 | PHG 655-5M-...  |
|         | 61                       | 305                     | 3,6   | 2,10 | 5,0         | PHG 305-5M-... |                          | 133                     | 665   | 3,6 | 2,10        | 5,0 | PHG 665-5M-...  |
|         | 62                       | 310                     | 3,6   | 2,10 | 5,0         | PHG 310-5M-... |                          | 134                     | 670   | 3,6 | 2,10        | 5,0 | PHG 670-5M-...  |
|         | 64                       | 320                     | 3,6   | 2,10 | 5,0         | PHG 320-5M-... |                          | 135                     | 675   | 3,6 | 2,10        | 5,0 | PHG 675-5M-...  |
|         | 65                       | 325                     | 3,6   | 2,10 | 5,0         | PHG 325-5M-... |                          | 137                     | 685   | 3,6 | 2,10        | 5,0 | PHG 685-5M-...  |
|         | 66                       | 330                     | 3,6   | 2,10 | 5,0         | PHG 330-5M-... |                          | 138                     | 690   | 3,6 | 2,10        | 5,0 | PHG 690-5M-...  |
|         | 68                       | 340                     | 3,6   | 2,10 | 5,0         | PHG 340-5M-... |                          | 139                     | 695   | 3,6 | 2,10        | 5,0 | PHG 695-5M-...  |
|         | 69                       | 345                     | 3,6   | 2,10 | 5,0         | PHG 345-5M-... |                          | 140                     | 700   | 3,6 | 2,10        | 5,0 | PHG 700-5M-...  |
|         | 70                       | 350                     | 3,6   | 2,10 | 5,0         | PHG 350-5M-... |                          | 142                     | 710   | 3,6 | 2,10        | 5,0 | PHG 710-5M-...  |
|         | 72                       | 360                     | 3,6   | 2,10 | 5,0         | PHG 360-5M-... |                          | 142                     | 710   | 3,6 | 2,10        | 5,0 | PHG 715-5M-...  |
|         | 73                       | 365                     | 3,6   | 2,10 | 5,0         | PHG 365-5M-... |                          | 144                     | 720   | 3,6 | 2,10        | 5,0 | PHG 720-5M-...  |
|         | 74                       | 370                     | 3,6   | 2,10 | 5,0         | PHG 370-5M-... |                          | 145                     | 725   | 3,6 | 2,10        | 5,0 | PHG 725-5M-...  |
|         | 75                       | 375                     | 3,6   | 2,10 | 5,0         | PHG 375-5M-... |                          | 148                     | 740   | 3,6 | 2,10        | 5,0 | PHG 740-5M-...  |
|         | 76                       | 380                     | 3,6   | 2,10 | 5,0         | PHG 380-5M-... |                          | 149                     | 745   | 3,6 | 2,10        | 5,0 | PHG 745-5M-...  |
|         | 77                       | 385                     | 3,6   | 2,10 | 5,0         | PHG 385-5M-... |                          | 150                     | 750   | 3,6 | 2,10        | 5,0 | PHG 750-5M-...  |
|         | 78                       | 390                     | 3,6   | 2,10 | 5,0         | PHG 390-5M-... |                          | 151                     | 755   | 3,6 | 2,10        | 5,0 | PHG 755-5M-...  |
|         | 79                       | 395                     | 3,6   | 2,10 | 5,0         | PHG 395-5M-... |                          | 154                     | 770   | 3,6 | 2,10        | 5,0 | PHG 770-5M-...  |
|         | 80                       | 400                     | 3,6   | 2,10 | 5,0         | PHG 400-5M-... |                          | 155                     | 775   | 3,6 | 2,10        | 5,0 | PHG 775-5M-...  |
|         | 80                       | 400                     | 3,6   | 2,10 | 5,0         | PHG 405-5M-... |                          | 156                     | 780   | 3,6 | 2,10        | 5,0 | PHG 780-5M-...  |
|         | 82                       | 410                     | 3,6   | 2,10 | 5,0         | PHG 410-5M-... |                          | 158                     | 790   | 3,6 | 2,10        | 5,0 | PHG 790-5M-...  |
|         | 84                       | 420                     | 3,6   | 2,10 | 5,0         | PHG 420-5M-... |                          | 160                     | 800   | 3,6 | 2,10        | 5,0 | PHG 800-5M-...  |
|         | 85                       | 425                     | 3,6   | 2,10 | 5,0         | PHG 425-5M-... |                          | 162                     | 810   | 3,6 | 2,10        | 5,0 | PHG 810-5M-...  |
|         | 86                       | 430                     | 3,6   | 2,10 | 5,0         | PHG 430-5M-... |                          | 165                     | 825   | 3,6 | 2,10        | 5,0 | PHG 825-5M-...  |
|         | 87                       | 435                     | 3,6   | 2,10 | 5,0         | PHG 435-5M-... |                          | 166                     | 830   | 3,6 | 2,10        | 5,0 | PHG 830-5M-...  |
|         | 88                       | 440                     | 3,6   | 2,10 | 5,0         | PHG 440-5M-... |                          | 167                     | 835   | 3,6 | 2,10        | 5,0 | PHG 835-5M-...  |
|         | 89                       | 445                     | 3,6   | 2,10 | 5,0         | PHG 445-5M-... |                          | 170                     | 850   | 3,6 | 2,10        | 5,0 | PHG 850-5M-...  |
|         | 90                       | 450                     | 3,6   | 2,10 | 5,0         | PHG 450-5M-... |                          | 172                     | 860   | 3,6 | 2,10        | 5,0 | PHG 860-5M-...  |
|         | 92                       | 460                     | 3,6   | 2,10 | 5,0         | PHG 460-5M-... |                          | 174                     | 870   | 3,6 | 2,10        | 5,0 | PHG 870-5M-...  |
|         | 93                       | 465                     | 3,6   | 2,10 | 5,0         | PHG 465-5M-... |                          | 178                     | 890   | 3,6 | 2,10        | 5,0 | PHG 890-5M-...  |
|         | 94                       | 470                     | 3,6   | 2,10 | 5,0         | PHG 470-5M-... |                          | 180                     | 900   | 3,6 | 2,10        | 5,0 | PHG 900-5M-...  |
|         | 95                       | 475                     | 3,6   | 2,10 | 5,0         | PHG 475-5M-... |                          | 182                     | 910   | 3,6 | 2,10        | 5,0 | PHG 910-5M-...  |
|         | 96                       | 480                     | 3,6   | 2,10 | 5,0         | PHG 480-5M-... |                          | 184                     | 920   | 3,6 | 2,10        | 5,0 | PHG 920-5M-...  |
|         | 98                       | 490                     | 3,6   | 2,10 | 5,0         | PHG 490-5M-... |                          | 185                     | 925   | 3,6 | 2,10        | 5,0 | PHG 925-5M-...  |
|         | 100                      | 500                     | 3,6   | 2,10 | 5,0         | PHG 500-5M-... |                          | 187                     | 935   | 3,6 | 2,10        | 5,0 | PHG 935-5M-...  |
|         | 101                      | 505                     | 3,6   | 2,10 | 5,0         | PHG 505-5M-... |                          | 188                     | 940   | 3,6 | 2,10        | 5,0 | PHG 940-5M-...  |
|         | 102                      | 510                     | 3,6   | 2,10 | 5,0         | PHG 510-5M-... |                          | 190                     | 950   | 3,6 | 2,10        | 5,0 | PHG 950-5M-...  |
|         | 104                      | 520                     | 3,6   | 2,10 | 5,0         | PHG 520-5M-... |                          | 192                     | 960   | 3,6 | 2,10        | 5,0 | PHG 960-5M-...  |
|         | 105                      | 525                     | 3,6   | 2,10 | 5,0         | PHG 525-5M-... |                          | 193                     | 965   | 3,6 | 2,10        | 5,0 | PHG 965-5M-...  |
|         | 106                      | 530                     | 3,6   | 2,10 | 5,0         | PHG 530-5M-... |                          | 195                     | 975   | 3,6 | 2,10        | 5,0 | PHG 975-5M-...  |
|         | 107                      | 535                     | 3,6   | 2,10 | 5,0         | PHG 535-5M-... |                          | 196                     | 980   | 3,6 | 2,10        | 5,0 | PHG 980-5M-...  |
|         | 108                      | 540                     | 3,6   | 2,10 | 5,0         | PHG 540-5M-... |                          | 200                     | 1 000 | 3,6 | 2,10        | 5,0 | PHG 1000-5M-... |
|         | 110                      | 550                     | 3,6   | 2,10 | 5,0         | PHG 550-5M-... |                          | 205                     | 1 025 | 3,6 | 2,10        | 5,0 | PHG 1025-5M-... |
|         | 112                      | 560                     | 3,6   | 2,10 | 5,0         | PHG 560-5M-... |                          | 207                     | 1 035 | 3,6 | 2,10        | 5,0 | PHG 1035-5M-... |
|         | 113                      | 565                     | 3,6   | 2,10 | 5,0         | PHG 565-5M-... |                          | 210                     | 1 050 | 3,6 | 2,10        | 5,0 | PHG 1050-5M-... |
|         | 114                      | 570                     | 3,6   | 2,10 | 5,0         | PHG 570-5M-... |                          | 220                     | 1 100 | 3,6 | 2,10        | 5,0 | PHG 1100-5M-... |

Non-standard lengths may also be available.  
 To complete designation, add belt width in mm.  
 Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.



# SKF HiTD Belts

5M | 8M



| Section | Number of teeth per side | Dimensions   |       |      | Designation     |                 |
|---------|--------------------------|--------------|-------|------|-----------------|-----------------|
|         |                          | Pitch length |       |      |                 |                 |
|         |                          | $h_1$        | $h_2$ | $p$  |                 |                 |
| -       | -                        | mm           |       |      | -               |                 |
| 5M      | 223                      | 1 115        | 3,6   | 2,10 | 5,0             | PHG 1115-5M-... |
|         | 225                      | 1 125        | 3,6   | 2,10 | 5,0             | PHG 1125-5M-... |
|         | 227                      | 1 135        | 3,6   | 2,10 | 5,0             | PHG 1135-5M-... |
|         | 229                      | 1 145        | 3,6   | 2,10 | 5,0             | PHG 1145-5M-... |
|         | 235                      | 1 175        | 3,6   | 2,10 | 5,0             | PHG 1175-5M-... |
|         | 236                      | 1 180        | 3,6   | 2,10 | 5,0             | PHG 1180-5M-... |
|         | 239                      | 1 195        | 3,6   | 2,10 | 5,0             | PHG 1195-5M-... |
|         | 240                      | 1 200        | 3,6   | 2,10 | 5,0             | PHG 1200-5M-... |
|         | 242                      | 1 210        | 3,6   | 2,10 | 5,0             | PHG 1210-5M-... |
|         | 245                      | 1 225        | 3,6   | 2,10 | 5,0             | PHG 1225-5M-... |
|         | 250                      | 1 250        | 3,6   | 2,10 | 5,0             | PHG 1250-5M-... |
|         | 254                      | 1 270        | 3,6   | 2,10 | 5,0             | PHG 1270-5M-... |
|         | 258                      | 1 290        | 3,6   | 2,10 | 5,0             | PHG 1290-5M-... |
|         | 259                      | 1 295        | 3,6   | 2,10 | 5,0             | PHG 1295-5M-... |
|         | 260                      | 1 300        | 3,6   | 2,10 | 5,0             | PHG 1300-5M-... |
|         | 268                      | 1 340        | 3,6   | 2,10 | 5,0             | PHG 1340-5M-... |
|         | 270                      | 1 350        | 3,6   | 2,10 | 5,0             | PHG 1350-5M-... |
|         | 275                      | 1 375        | 3,6   | 2,10 | 5,0             | PHG 1375-5M-... |
|         | 280                      | 1 400        | 3,6   | 2,10 | 5,0             | PHG 1400-5M-... |
|         | 282                      | 1 410        | 3,6   | 2,10 | 5,0             | PHG 1410-5M-... |
|         | 284                      | 1 420        | 3,6   | 2,10 | 5,0             | PHG 1420-5M-... |
|         | 290                      | 1 450        | 3,6   | 2,10 | 5,0             | PHG 1450-5M-... |
|         | 291                      | 1 455        | 3,6   | 2,10 | 5,0             | PHG 1455-5M-... |
|         | 300                      | 1 500        | 3,6   | 2,10 | 5,0             | PHG 1500-5M-... |
|         | 319                      | 1 595        | 3,6   | 2,10 | 5,0             | PHG 1595-5M-... |
|         | 320                      | 1 600        | 3,6   | 2,10 | 5,0             | PHG 1600-5M-... |
|         | 337                      | 1 685        | 3,6   | 2,10 | 5,0             | PHG 1685-5M-... |
|         | 338                      | 1 690        | 3,6   | 2,10 | 5,0             | PHG 1690-5M-... |
|         | 340                      | 1 700        | 3,6   | 2,10 | 5,0             | PHG 1700-5M-... |
|         | 346                      | 1 730        | 3,6   | 2,10 | 5,0             | PHG 1730-5M-... |
|         | 354                      | 1 770        | 3,6   | 2,10 | 5,0             | PHG 1770-5M-... |
|         | 358                      | 1 790        | 3,6   | 2,10 | 5,0             | PHG 1790-5M-... |
|         | 360                      | 1 800        | 3,6   | 2,10 | 5,0             | PHG 1800-5M-... |
|         | 374                      | 1 870        | 3,6   | 2,10 | 5,0             | PHG 1870-5M-... |
|         | 379                      | 1 895        | 3,6   | 2,10 | 5,0             | PHG 1895-5M-... |
|         | 389                      | 1 945        | 3,6   | 2,10 | 5,0             | PHG 1945-5M-... |
|         | 400                      | 2 000        | 3,6   | 2,10 | 5,0             | PHG 2000-5M-... |
|         | 410                      | 2 050        | 3,6   | 2,10 | 5,0             | PHG 2050-5M-... |
|         | 420                      | 2 100        | 3,6   | 2,10 | 5,0             | PHG 2100-5M-... |
|         | 432                      | 2 160        | 3,6   | 2,10 | 5,0             | PHG 2160-5M-... |
|         | 450                      | 2 250        | 3,6   | 2,10 | 5,0             | PHG 2250-5M-... |
|         | 470                      | 2 350        | 3,6   | 2,10 | 5,0             | PHG 2350-5M-... |
|         | 474                      | 2 370        | 3,6   | 2,10 | 5,0             | PHG 2370-5M-... |
|         | 492                      | 2 460        | 3,6   | 2,10 | 5,0             | PHG 2460-5M-... |
|         | 505                      | 2 525        | 3,6   | 2,10 | 5,0             | PHG 2525-5M-... |
| 527     | 2 635                    | 3,6          | 2,10  | 5,0  | PHG 2635-5M-... |                 |
| 605     | 3 025                    | 3,6          | 2,10  | 5,0  | PHG 3025-5M-... |                 |
| 612     | 3 060                    | 3,6          | 2,10  | 5,0  | PHG 3060-5M-... |                 |
| 651     | 3 255                    | 3,6          | 2,10  | 5,0  | PHG 3255-5M-... |                 |
| 686     | 3 430                    | 3,6          | 2,10  | 5,0  | PHG 3430-5M-... |                 |
| 732     | 3 660                    | 3,6          | 2,10  | 5,0  | PHG 3660-5M-... |                 |
| 750     | 3 750                    | 3,6          | 2,10  | 5,0  | PHG 3750-5M-... |                 |
| 754     | 3 770                    | 3,6          | 2,10  | 5,0  | PHG 3770-5M-... |                 |
| 760     | 3 800                    | 3,6          | 2,10  | 5,0  | PHG 3800-5M-... |                 |
| 852     | 4 260                    | 3,6          | 2,10  | 5,0  | PHG 4260-5M-... |                 |
| 1 060   | 5 300                    | 3,6          | 2,10  | 5,0  | PHG 5300-5M-... |                 |
| 1 400   | 7 000                    | 3,6          | 2,10  | 5,0  | PHG 7000-5M-... |                 |

| Section | Number of teeth per side | Dimensions   |       |      | Designation     |                |
|---------|--------------------------|--------------|-------|------|-----------------|----------------|
|         |                          | Pitch length |       |      |                 |                |
|         |                          | $h_1$        | $h_2$ | $p$  |                 |                |
| -       | -                        | mm           |       |      | -               |                |
| 8M      | 46                       | 368          | 5,6   | 3,88 | 8,0             | PHG 368-8M-... |
|         | 47                       | 376          | 5,6   | 3,88 | 8,0             | PHG 376-8M-... |
|         | 48                       | 384          | 5,6   | 3,88 | 8,0             | PHG 384-8M-... |
|         | 50                       | 400          | 5,6   | 3,88 | 8,0             | PHG 400-8M-... |
|         | 51                       | 408          | 5,6   | 3,88 | 8,0             | PHG 408-8M-... |
|         | 52                       | 416          | 5,6   | 3,88 | 8,0             | PHG 416-8M-... |
|         | 53                       | 424          | 5,6   | 3,88 | 8,0             | PHG 424-8M-... |
|         | 55                       | 440          | 5,6   | 3,88 | 8,0             | PHG 440-8M-... |
|         | 56                       | 448          | 5,6   | 3,88 | 8,0             | PHG 448-8M-... |
|         | 59                       | 472          | 5,6   | 3,88 | 8,0             | PHG 472-8M-... |
|         | 60                       | 480          | 5,6   | 3,88 | 8,0             | PHG 480-8M-... |
|         | 64                       | 512          | 5,6   | 3,88 | 8,0             | PHG 512-8M-... |
|         | 65                       | 520          | 5,6   | 3,88 | 8,0             | PHG 520-8M-... |
|         | 67                       | 536          | 5,6   | 3,88 | 8,0             | PHG 536-8M-... |
|         | 68                       | 544          | 5,6   | 3,88 | 8,0             | PHG 544-8M-... |
| 70      | 560                      | 5,6          | 3,88  | 8,0  | PHG 560-8M-...  |                |
| 71      | 568                      | 5,6          | 3,88  | 8,0  | PHG 568-8M-...  |                |
| 72      | 576                      | 5,6          | 3,88  | 8,0  | PHG 576-8M-...  |                |
| 73      | 584                      | 5,6          | 3,88  | 8,0  | PHG 584-8M-...  |                |
| 74      | 592                      | 5,6          | 3,88  | 8,0  | PHG 592-8M-...  |                |
| 75      | 600                      | 5,6          | 3,88  | 8,0  | PHG 600-8M-...  |                |
| 76      | 608                      | 5,6          | 3,88  | 8,0  | PHG 608-8M-...  |                |
| 78      | 624                      | 5,6          | 3,88  | 8,0  | PHG 624-8M-...  |                |
| 79      | 632                      | 5,6          | 3,88  | 8,0  | PHG 632-8M-...  |                |
| 80      | 640                      | 5,6          | 3,88  | 8,0  | PHG 640-8M-...  |                |
| 81      | 648                      | 5,6          | 3,88  | 8,0  | PHG 648-8M-...  |                |
| 82      | 656                      | 5,6          | 3,88  | 8,0  | PHG 656-8M-...  |                |
| 85      | 680                      | 5,6          | 3,88  | 8,0  | PHG 680-8M-...  |                |
| 86      | 688                      | 5,6          | 3,88  | 8,0  | PHG 688-8M-...  |                |
| 87      | 696                      | 5,6          | 3,88  | 8,0  | PHG 696-8M-...  |                |
| 89      | 712                      | 5,6          | 3,88  | 8,0  | PHG 712-8M-...  |                |
| 90      | 720                      | 5,6          | 3,88  | 8,0  | PHG 720-8M-...  |                |
| 91      | 728                      | 5,6          | 3,88  | 8,0  | PHG 728-8M-...  |                |
| 92      | 736                      | 5,6          | 3,88  | 8,0  | PHG 736-8M-...  |                |
| 95      | 760                      | 5,6          | 3,88  | 8,0  | PHG 760-8M-...  |                |
| 97      | 776                      | 5,6          | 3,88  | 8,0  | PHG 776-8M-...  |                |
| 98      | 784                      | 5,6          | 3,88  | 8,0  | PHG 784-8M-...  |                |
| 99      | 792                      | 5,6          | 3,88  | 8,0  | PHG 792-8M-...  |                |
| 100     | 800                      | 5,6          | 3,88  | 8,0  | PHG 800-8M-...  |                |
| 102     | 816                      | 5,6          | 3,88  | 8,0  | PHG 816-8M-...  |                |
| 103     | 824                      | 5,6          | 3,88  | 8,0  | PHG 824-8M-...  |                |
| 105     | 840                      | 5,6          | 3,88  | 8,0  | PHG 840-8M-...  |                |
| 106     | 848                      | 5,6          | 3,88  | 8,0  | PHG 848-8M-...  |                |
| 107     | 856                      | 5,6          | 3,88  | 8,0  | PHG 856-8M-...  |                |
| 108     | 864                      | 5,6          | 3,88  | 8,0  | PHG 864-8M-...  |                |
| 109     | 872                      | 5,6          | 3,88  | 8,0  | PHG 872-8M-...  |                |
| 110     | 880                      | 5,6          | 3,88  | 8,0  | PHG 880-8M-...  |                |
| 112     | 896                      | 5,6          | 3,88  | 8,0  | PHG 896-8M-...  |                |
| 114     | 912                      | 5,6          | 3,88  | 8,0  | PHG 912-8M-...  |                |
| 115     | 920                      | 5,6          | 3,88  | 8,0  | PHG 920-8M-...  |                |
| 116     | 928                      | 5,6          | 3,88  | 8,0  | PHG 928-8M-...  |                |
| 117     | 936                      | 5,6          | 3,88  | 8,0  | PHG 936-8M-...  |                |
| 118     | 944                      | 5,6          | 3,88  | 8,0  | PHG 944-8M-...  |                |
| 119     | 952                      | 5,6          | 3,88  | 8,0  | PHG 952-8M-...  |                |
| 120     | 960                      | 5,6          | 3,88  | 8,0  | PHG 960-8M-...  |                |
| 121     | 968                      | 5,6          | 3,88  | 8,0  | PHG 968-8M-...  |                |
| 122     | 976                      | 5,6          | 3,88  | 8,0  | PHG 976-8M-...  |                |
| 125     | 1 000                    | 5,6          | 3,88  | 8,0  | PHG 1000-8M-... |                |
| 127     | 1 016                    | 5,6          | 3,88  | 8,0  | PHG 1016-8M-... |                |
| 128     | 1 024                    | 5,6          | 3,88  | 8,0  | PHG 1024-8M-... |                |

Non-standard lengths may also be available.

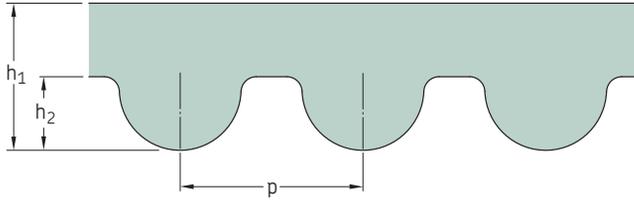
To complete designation, add belt width in mm.

Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.



# SKF HiTD Belts

8M | 14M



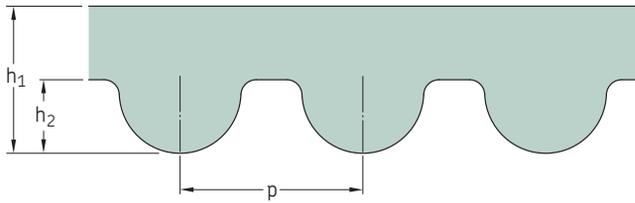
| Section | Number of teeth per side | Dimensions     |                |      | Designation | Section         | Number of teeth per side | Dimensions     |       |       | Designation |      |                 |                  |
|---------|--------------------------|----------------|----------------|------|-------------|-----------------|--------------------------|----------------|-------|-------|-------------|------|-----------------|------------------|
|         |                          | Pitch length   |                |      |             |                 |                          | Pitch length   |       |       |             |      |                 |                  |
|         |                          | h <sub>1</sub> | h <sub>2</sub> | p    |             |                 | h <sub>1</sub>           | h <sub>2</sub> | p     |       |             |      |                 |                  |
|         |                          | mm             |                |      |             |                 | mm                       |                |       |       |             |      |                 |                  |
| 8M      | 130                      | 1 040          | 5,6            | 3,88 | 8,0         | PHG 1040-8M-... | 8M                       | 240            | 1 920 | 5,6   | 3,88        | 8,0  | PHG 1920-8M-... |                  |
|         | 132                      | 1 056          | 5,6            | 3,88 | 8,0         | PHG 1056-8M-... |                          | 242            | 1 936 | 5,6   | 3,88        | 8,0  | PHG 1936-8M-... |                  |
|         | 133                      | 1 064          | 5,6            | 3,88 | 8,0         | PHG 1064-8M-... |                          | 244            | 1 952 | 5,6   | 3,88        | 8,0  | PHG 1952-8M-... |                  |
|         | 135                      | 1 080          | 5,6            | 3,88 | 8,0         | PHG 1080-8M-... |                          | 250            | 2 000 | 5,6   | 3,88        | 8,0  | PHG 2000-8M-... |                  |
|         | 138                      | 1 104          | 5,6            | 3,88 | 8,0         | PHG 1104-8M-... |                          | 260            | 2 080 | 5,6   | 3,88        | 8,0  | PHG 2080-8M-... |                  |
|         | 139                      | 1 112          | 5,6            | 3,88 | 8,0         | PHG 1112-8M-... |                          | 262            | 2 096 | 5,6   | 3,88        | 8,0  | PHG 2096-8M-... |                  |
|         | 140                      | 1 120          | 5,6            | 3,88 | 8,0         | PHG 1120-8M-... |                          | 263            | 2 104 | 5,6   | 3,88        | 8,0  | PHG 2104-8M-... |                  |
|         | 141                      | 1 128          | 5,6            | 3,88 | 8,0         | PHG 1128-8M-... |                          | 267            | 2 136 | 5,6   | 3,88        | 8,0  | PHG 2136-8M-... |                  |
|         | 142                      | 1 136          | 5,6            | 3,88 | 8,0         | PHG 1136-8M-... |                          | 270            | 2 160 | 5,6   | 3,88        | 8,0  | PHG 2160-8M-... |                  |
|         | 144                      | 1 152          | 5,6            | 3,88 | 8,0         | PHG 1152-8M-... |                          | 276            | 2 208 | 5,6   | 3,88        | 8,0  | PHG 2208-8M-... |                  |
|         | 145                      | 1 160          | 5,6            | 3,88 | 8,0         | PHG 1160-8M-... |                          | 280            | 2 240 | 5,6   | 3,88        | 8,0  | PHG 2240-8M-... |                  |
|         | 146                      | 1 168          | 5,6            | 3,88 | 8,0         | PHG 1168-8M-... |                          | 281            | 2 248 | 5,6   | 3,88        | 8,0  | PHG 2248-8M-... |                  |
|         | 148                      | 1 184          | 5,6            | 3,88 | 8,0         | PHG 1184-8M-... |                          | 288            | 2 304 | 5,6   | 3,88        | 8,0  | PHG 2304-8M-... |                  |
|         | 149                      | 1 192          | 5,6            | 3,88 | 8,0         | PHG 1192-8M-... |                          | 291            | 2 328 | 5,6   | 3,88        | 8,0  | PHG 2328-8M-... |                  |
|         | 150                      | 1 200          | 5,6            | 3,88 | 8,0         | PHG 1200-8M-... |                          | 299            | 2 392 | 5,6   | 3,88        | 8,0  | PHG 2392-8M-... |                  |
|         | 151                      | 1 208          | 5,6            | 3,88 | 8,0         | PHG 1208-8M-... |                          | 300            | 2 400 | 5,6   | 3,88        | 8,0  | PHG 2400-8M-... |                  |
|         | 152                      | 1 216          | 5,6            | 3,88 | 8,0         | PHG 1216-8M-... |                          | 313            | 2 504 | 5,6   | 3,88        | 8,0  | PHG 2504-8M-... |                  |
|         | 153                      | 1 224          | 5,6            | 3,88 | 8,0         | PHG 1224-8M-... |                          | 323            | 2 584 | 5,6   | 3,88        | 8,0  | PHG 2584-8M-... |                  |
|         | 155                      | 1 240          | 5,6            | 3,88 | 8,0         | PHG 1240-8M-... |                          | 325            | 2 600 | 5,6   | 3,88        | 8,0  | PHG 2600-8M-... |                  |
|         | 156                      | 1 248          | 5,6            | 3,88 | 8,0         | PHG 1248-8M-... |                          | 332            | 2 656 | 5,6   | 3,88        | 8,0  | PHG 2656-8M-... |                  |
|         | 157                      | 1 256          | 5,6            | 3,88 | 8,0         | PHG 1256-8M-... |                          | 342            | 2 736 | 5,6   | 3,88        | 8,0  | PHG 2736-8M-... |                  |
|         | 158                      | 1 264          | 5,6            | 3,88 | 8,0         | PHG 1264-8M-... |                          | 350            | 2 800 | 5,6   | 3,88        | 8,0  | PHG 2800-8M-... |                  |
|         | 159                      | 1 272          | 5,6            | 3,88 | 8,0         | PHG 1272-8M-... |                          | 381            | 3 048 | 5,6   | 3,88        | 8,0  | PHG 3048-8M-... |                  |
|         | 160                      | 1 280          | 5,6            | 3,88 | 8,0         | PHG 1280-8M-... |                          | 390            | 3 120 | 5,6   | 3,88        | 8,0  | PHG 3120-8M-... |                  |
|         | 163                      | 1 304          | 5,6            | 3,88 | 8,0         | PHG 1304-8M-... |                          | 396            | 3 168 | 5,6   | 3,88        | 8,0  | PHG 3168-8M-... |                  |
|         | 164                      | 1 312          | 5,6            | 3,88 | 8,0         | PHG 1312-8M-... |                          | 400            | 3 200 | 5,6   | 3,88        | 8,0  | PHG 3200-8M-... |                  |
|         | 165                      | 1 320          | 5,6            | 3,88 | 8,0         | PHG 1320-8M-... |                          | 410            | 3 280 | 5,6   | 3,88        | 8,0  | PHG 3280-8M-... |                  |
|         | 166                      | 1 328          | 5,6            | 3,88 | 8,0         | PHG 1328-8M-... |                          | 425            | 3 400 | 5,6   | 3,88        | 8,0  | PHG 3400-8M-... |                  |
|         | 168                      | 1 344          | 5,6            | 3,88 | 8,0         | PHG 1344-8M-... |                          | 450            | 3 600 | 5,6   | 3,88        | 8,0  | PHG 3600-8M-... |                  |
|         | 169                      | 1 352          | 5,6            | 3,88 | 8,0         | PHG 1352-8M-... |                          | 465            | 3 720 | 5,6   | 3,88        | 8,0  | PHG 3720-8M-... |                  |
|         | 170                      | 1 360          | 5,6            | 3,88 | 8,0         | PHG 1360-8M-... |                          | 478            | 3 824 | 5,6   | 3,88        | 8,0  | PHG 3824-8M-... |                  |
|         | 172                      | 1 376          | 5,6            | 3,88 | 8,0         | PHG 1376-8M-... |                          | 483            | 3 864 | 5,6   | 3,88        | 8,0  | PHG 3864-8M-... |                  |
|         | 174                      | 1 392          | 5,6            | 3,88 | 8,0         | PHG 1392-8M-... |                          | 500            | 4 000 | 5,6   | 3,88        | 8,0  | PHG 4000-8M-... |                  |
|         | 175                      | 1 400          | 5,6            | 3,88 | 8,0         | PHG 1400-8M-... |                          | 525            | 4 200 | 5,6   | 3,88        | 8,0  | PHG 4200-8M-... |                  |
|         | 177                      | 1 416          | 5,6            | 3,88 | 8,0         | PHG 1416-8M-... |                          | 550            | 4 400 | 5,6   | 3,88        | 8,0  | PHG 4400-8M-... |                  |
|         | 178                      | 1 424          | 5,6            | 3,88 | 8,0         | PHG 1424-8M-... |                          | 640            | 5 120 | 5,6   | 3,88        | 8,0  | PHG 5120-8M-... |                  |
|         | 179                      | 1 432          | 5,6            | 3,88 | 8,0         | PHG 1432-8M-... |                          | 700            | 5 600 | 5,6   | 3,88        | 8,0  | PHG 5600-8M-... |                  |
|         | 180                      | 1 440          | 5,6            | 3,88 | 8,0         | PHG 1440-8M-... |                          | 745            | 5 960 | 5,6   | 3,88        | 8,0  | PHG 5960-8M-... |                  |
|         | 182                      | 1 456          | 5,6            | 3,88 | 8,0         | PHG 1456-8M-... |                          | 825            | 6 600 | 5,6   | 3,88        | 8,0  | PHG 6600-8M-... |                  |
|         | 183                      | 1 464          | 5,6            | 3,88 | 8,0         | PHG 1464-8M-... |                          | 860            | 6 880 | 5,6   | 3,88        | 8,0  | PHG 6880-8M-... |                  |
|         | 185                      | 1 480          | 5,6            | 3,88 | 8,0         | PHG 1480-8M-... |                          | 14M            | 67    | 938   | 10,0        | 6,10 | 14,0            | PHG 938-14M-...  |
|         | 189                      | 1 512          | 5,6            | 3,88 | 8,0         | PHG 1512-8M-... |                          |                | 69    | 966   | 10,0        | 6,10 | 14,0            | PHG 966-14M-...  |
|         | 190                      | 1 520          | 5,6            | 3,88 | 8,0         | PHG 1520-8M-... |                          |                | 74    | 1 036 | 10,0        | 6,10 | 14,0            | PHG 1036-14M-... |
|         | 192                      | 1 536          | 5,6            | 3,88 | 8,0         | PHG 1536-8M-... |                          |                | 75    | 1 050 | 10,0        | 6,10 | 14,0            | PHG 1050-14M-... |
|         | 194                      | 1 552          | 5,6            | 3,88 | 8,0         | PHG 1552-8M-... |                          |                | 76    | 1 064 | 10,0        | 6,10 | 14,0            | PHG 1064-14M-... |
|         | 195                      | 1 560          | 5,6            | 3,88 | 8,0         | PHG 1560-8M-... |                          |                | 78    | 1 092 | 10,0        | 6,10 | 14,0            | PHG 1092-14M-... |
|         | 197                      | 1 576          | 5,6            | 3,88 | 8,0         | PHG 1576-8M-... |                          |                | 80    | 1 120 | 10,0        | 6,10 | 14,0            | PHG 1120-14M-... |
|         | 200                      | 1 600          | 5,6            | 3,88 | 8,0         | PHG 1600-8M-... |                          |                | 82    | 1 148 | 10,0        | 6,10 | 14,0            | PHG 1148-14M-... |
|         | 205                      | 1 640          | 5,6            | 3,88 | 8,0         | PHG 1640-8M-... |                          |                | 85    | 1 190 | 10,0        | 6,10 | 14,0            | PHG 1190-14M-... |
|         | 206                      | 1 648          | 5,6            | 3,88 | 8,0         | PHG 1648-8M-... |                          |                | 89    | 1 246 | 10,0        | 6,10 | 14,0            | PHG 1246-14M-... |
|         | 210                      | 1 680          | 5,6            | 3,88 | 8,0         | PHG 1680-8M-... |                          |                | 90    | 1 260 | 10,0        | 6,10 | 14,0            | PHG 1260-14M-... |
|         | 212                      | 1 696          | 5,6            | 3,88 | 8,0         | PHG 1696-8M-... |                          |                | 92    | 1 288 | 10,0        | 6,10 | 14,0            | PHG 1288-14M-... |
|         | 216                      | 1 728          | 5,6            | 3,88 | 8,0         | PHG 1728-8M-... |                          |                | 94    | 1 316 | 10,0        | 6,10 | 14,0            | PHG 1316-14M-... |
|         | 220                      | 1 760          | 5,6            | 3,88 | 8,0         | PHG 1760-8M-... |                          |                | 96    | 1 344 | 10,0        | 6,10 | 14,0            | PHG 1344-14M-... |
|         | 223                      | 1 784          | 5,6            | 3,88 | 8,0         | PHG 1784-8M-... |                          |                | 100   | 1 400 | 10,0        | 6,10 | 14,0            | PHG 1400-14M-... |
|         | 224                      | 1 792          | 5,6            | 3,88 | 8,0         | PHG 1792-8M-... |                          |                | 101   | 1 414 | 10,0        | 6,10 | 14,0            | PHG 1414-14M-... |
|         | 225                      | 1 800          | 5,6            | 3,88 | 8,0         | PHG 1800-8M-... |                          |                | 103   | 1 442 | 10,0        | 6,10 | 14,0            | PHG 1442-14M-... |
|         | 232                      | 1 856          | 5,6            | 3,88 | 8,0         | PHG 1856-8M-... |                          |                | 104   | 1 456 | 10,0        | 6,10 | 14,0            | PHG 1456-14M-... |
|         | 237                      | 1 896          | 5,6            | 3,88 | 8,0         | PHG 1896-8M-... |                          |                | 105   | 1 470 | 10,0        | 6,10 | 14,0            | PHG 1470-14M-... |
|         | 238                      | 1 904          | 5,6            | 3,88 | 8,0         | PHG 1904-8M-... |                          |                | 106   | 1 484 | 10,0        | 6,10 | 14,0            | PHG 1484-14M-... |

Non-standard lengths may also be available.  
 To complete designation, add belt width in mm.  
 Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.



# SKF HiTD Belts

14M



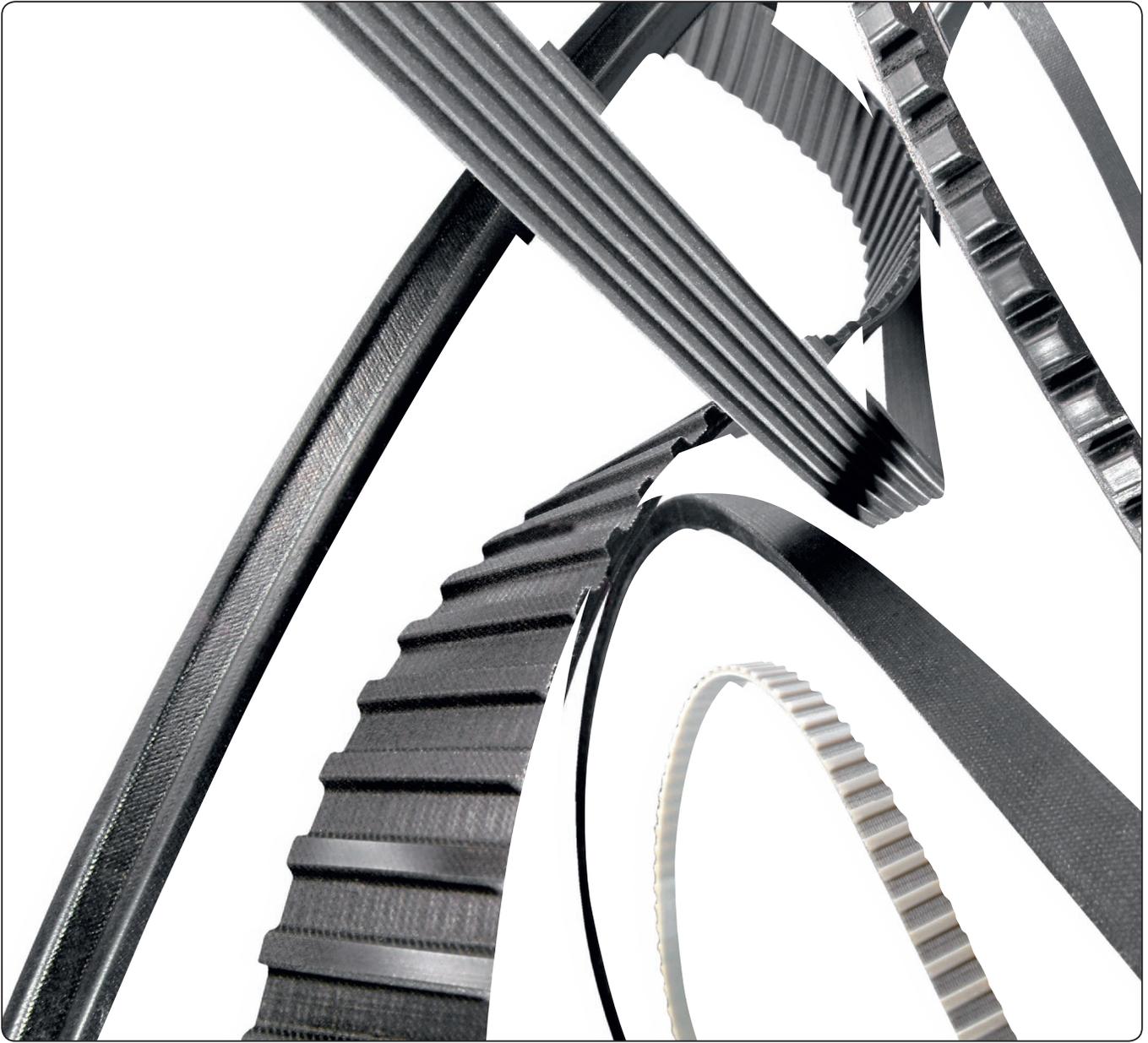
| Section | Number of teeth per side | Dimensions   |       |      | Designation |                  |
|---------|--------------------------|--------------|-------|------|-------------|------------------|
|         |                          | Pitch length |       |      |             |                  |
|         |                          | $h_1$        | $h_2$ | $p$  |             |                  |
|         |                          | mm           |       |      |             |                  |
| 14M     | 108                      | 1 512        | 10,0  | 6,10 | 14,0        | PHG 1512-14M-... |
|         | 110                      | 1 540        | 10,0  | 6,10 | 14,0        | PHG 1540-14M-... |
|         | 112                      | 1 568        | 10,0  | 6,10 | 14,0        | PHG 1568-14M-... |
|         | 115                      | 1 610        | 10,0  | 6,10 | 14,0        | PHG 1610-14M-... |
|         | 118                      | 1 652        | 10,0  | 6,10 | 14,0        | PHG 1652-14M-... |
|         | 125                      | 1 750        | 10,0  | 6,10 | 14,0        | PHG 1750-14M-... |
|         | 126                      | 1 764        | 10,0  | 6,10 | 14,0        | PHG 1764-14M-... |
|         | 127                      | 1 778        | 10,0  | 6,10 | 14,0        | PHG 1778-14M-... |
|         | 128                      | 1 792        | 10,0  | 6,10 | 14,0        | PHG 1792-14M-... |
|         | 128                      | 1 792        | 10,0  | 6,10 | 14,0        | PHG 1792-14M-... |
|         | 129                      | 1 806        | 10,0  | 6,10 | 14,0        | PHG 1806-14M-... |
|         | 130                      | 1 820        | 10,0  | 6,10 | 14,0        | PHG 1820-14M-... |
|         | 135                      | 1 890        | 10,0  | 6,10 | 14,0        | PHG 1890-14M-... |
|         | 138                      | 1 932        | 10,0  | 6,10 | 14,0        | PHG 1932-14M-... |
|         | 139                      | 1 946        | 10,0  | 6,10 | 14,0        | PHG 1946-14M-... |
|         | 140                      | 1 960        | 10,0  | 6,10 | 14,0        | PHG 1960-14M-... |
|         | 143                      | 2 002        | 10,0  | 6,10 | 14,0        | PHG 2002-14M-... |
|         | 150                      | 2 100        | 10,0  | 6,10 | 14,0        | PHG 2100-14M-... |
|         | 160                      | 2 240        | 10,0  | 6,10 | 14,0        | PHG 2240-14M-... |
|         | 165                      | 2 310        | 10,0  | 6,10 | 14,0        | PHG 2310-14M-... |
|         | 175                      | 2 450        | 10,0  | 6,10 | 14,0        | PHG 2450-14M-... |
|         | 175                      | 2 450        | 10,0  | 6,10 | 14,0        | PHG 2450-14M-... |
|         | 185                      | 2 590        | 10,0  | 6,10 | 14,0        | PHG 2590-14M-... |
|         | 190                      | 2 660        | 10,0  | 6,10 | 14,0        | PHG 2660-14M-... |
|         | 200                      | 2 800        | 10,0  | 6,10 | 14,0        | PHG 2800-14M-... |
|         | 222                      | 3 108        | 10,0  | 6,10 | 14,0        | PHG 3108-14M-... |
|         | 225                      | 3 150        | 10,0  | 6,10 | 14,0        | PHG 3150-14M-... |
|         | 236                      | 3 304        | 10,0  | 6,10 | 14,0        | PHG 3304-14M-... |
|         | 240                      | 3 360        | 10,0  | 6,10 | 14,0        | PHG 3360-14M-... |
|         | 250                      | 3 500        | 10,0  | 6,10 | 14,0        | PHG 3500-14M-... |
|         | 262                      | 3 668        | 10,0  | 6,10 | 14,0        | PHG 3668-14M-... |
|         | 275                      | 3 850        | 10,0  | 6,10 | 14,0        | PHG 3850-14M-... |
|         | 309                      | 4 326        | 10,0  | 6,10 | 14,0        | PHG 4326-14M-... |
|         | 324                      | 4 536        | 10,0  | 6,10 | 14,0        | PHG 4536-14M-... |
|         | 327                      | 4 578        | 10,0  | 6,10 | 14,0        | PHG 4578-14M-... |
|         | 340                      | 4 760        | 10,0  | 6,10 | 14,0        | PHG 4760-14M-... |
|         | 354                      | 4 956        | 10,0  | 6,10 | 14,0        | PHG 4956-14M-... |
|         | 360                      | 5 040        | 10,0  | 6,10 | 14,0        | PHG 5040-14M-... |
|         | 380                      | 5 320        | 10,0  | 6,10 | 14,0        | PHG 5320-14M-... |
|         | 410                      | 5 740        | 10,0  | 6,10 | 14,0        | PHG 5740-14M-... |
|         | 424                      | 5 936        | 10,0  | 6,10 | 14,0        | PHG 5936-14M-... |
|         | 440                      | 6 160        | 10,0  | 6,10 | 14,0        | PHG 6160-14M-... |
|         | 490                      | 6 860        | 10,0  | 6,10 | 14,0        | PHG 6860-14M-... |

Non-standard lengths may also be available.

To complete designation, add belt width in mm.

Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.





# 3.0 Additional information

|   |     |
|---|-----|
| Storage of power transmission belts . . . . . | 166 |
| Design optimization . . . . .                 | 167 |



# Storage of power transmission belts

Proper storage of industrial and automotive belts like V-belts and timing belts is important for users and distributors as well as belt manufacturers.

Stored under proper conditions, good quality belts will retain their material properties and work well in the application. In general, they need to be stored in a cold and dry environment with no direct sunlight.

Other important conditions are :

- Use suitable containers, do not store directly on the floor.
- Avoid areas where evaporating solvents or other chemicals are present in the atmosphere.

## V-belts

V-belts are normally stored in two different ways, flat on the side on shelves or hanging on pegs mounted on the wall. Storing belts, flat on shelves, is the best way but requires more storage space.

If the second option is used, you need to make sure that the pegs are large enough to prevent the weight to cause deformation. Longer V-belts may be coiled in loops.

**Table 16** provides information regarding the recommended number of loops for each belt type and size.

## Banded belts

Similar to other belt types, banded belts are best stored flat on shelves. However, if they are stored on large pegs on the wall, precautions should be taken to avoid deformation.

Further, these belts are normally shipped in a "nested" configuration. It is recommended that the belts be stored in this manner as well. Nests are formed by laying a belt on its side on a flat surface and placing as many belts inside the first belt as possible without undue force.

When the nests are tight and stacked with each rotated 180° from the one below, they may be stacked without damage. Belts of this type over approximately 120 inches may be "rolled up" and tied for shipment. These rolls may be stacked for easy storage. Care should be taken to avoid a small bend radius which could damage the belts.

## Timing belts

Sharp bends and crimping as well as excess weight on the belts should be avoided. For belts up to 3 000 mm length, SKF recommends storing them flat on shelves if possible in a "nested" configuration.

## Storing conditions

The belts, material properties, shape and quality should remain unchanged for 7 years if they are stored according to the recommendations above, together with the following limitations for temperature and humidity.

- Temperature should not be higher than 30 °C.
- Relative humidity should be below 70%.

Temperatures above 30 °C will reduce the expected shelf life according to the following guideline.

- Every increase of 8 °C will reduce the shelf life by half.

Storage temperatures above 46 °C are not allowed at all. An increase in humidity will not cause serious material damage but could lead to higher initial stretch of the belt on the drive.

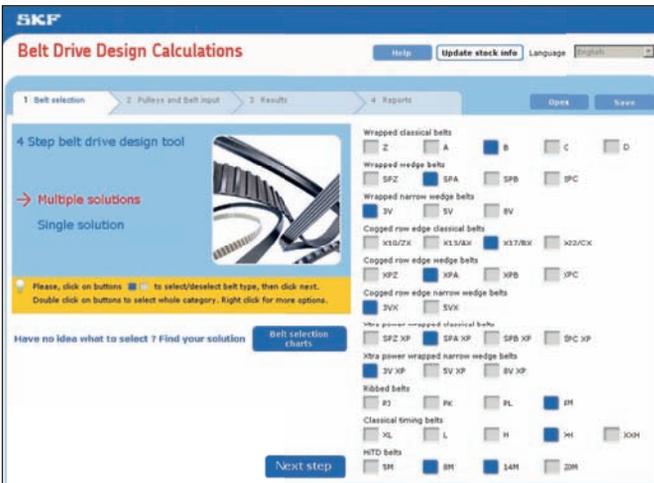
**Table 16**

| Maximum number of coilings of V-belts                         |              |                 |                 |
|---|--------------|-----------------|-----------------|
| Section   | Belt length  | Number of coils | Number of loops |
|   | 76,2         |                 |                 |
| –   | mm           | –               | –               |
| Z, ZX, A, AX, B, BX, 3V, 3V-XP, 3VX, SPZ, SPZ-XP, SPA, SPA-XP | < 1 500      | 0               | 1               |
|   | 1 500–3 000  | 1               | 3               |
|   | 3 000–4 500  | 2               | 5               |
|   | > 4 500      | 3               | 7               |
| C, CX, SPB, SPB-XP, XPB, 5V, 5V-XP, 5VX                       | < 1 800      | 0               | 1               |
|   | 1 800–3 500  | 1               | 3               |
|   | 3 500–6 000  | 2               | 5               |
|   | > 6 000      | 3               | 7               |
| SPC, SPC-XP, XPC  | < 3 000      | 0               | 1               |
|   | 3 000–6 000  | 1               | 3               |
|   | 6 000–8 500  | 2               | 5               |
|   | > 8 500      | 3               | 7               |
| D, 8V, 8V-XP  | < 4 300      | 0               | 1               |
|   | 4 300–7 000  | 1               | 3               |
|   | 7 000–10 000 | 2               | 5               |
|   | > 10 000     | 3               | 7               |

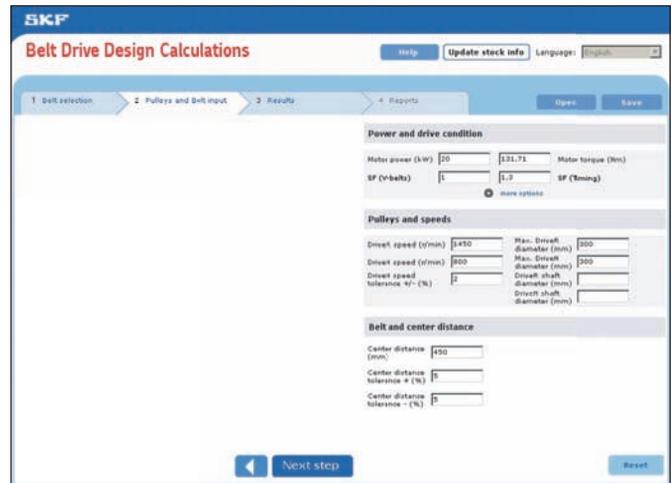
# Design optimization

## Belt drive calculation program

Using your data, the program will select the most efficient and economical solution for your application. At the end of your calculation, you are able to print and save a complete report for your documentation. The calculation tool can be found at [www.skfftp.com](http://www.skfftp.com), under belt drives.

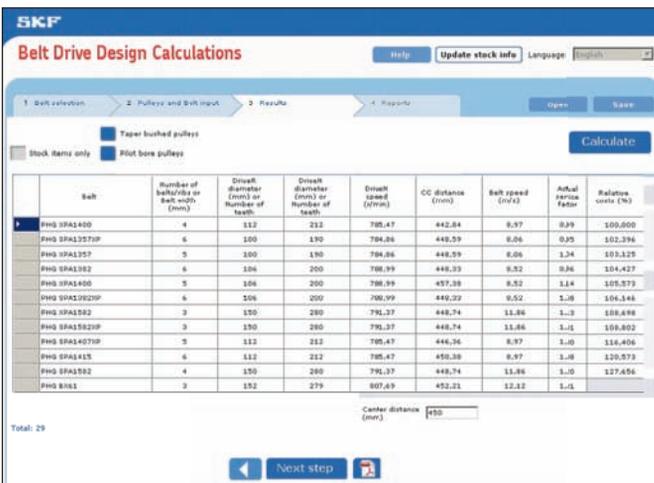


Step 1. Choose multiple or single solution calculations to start the program. The calculation based on single solutions is mainly used to check existing belt drives. For multiple solutions, you can either select belts by yourself or the program will give you a list of possible belt types.

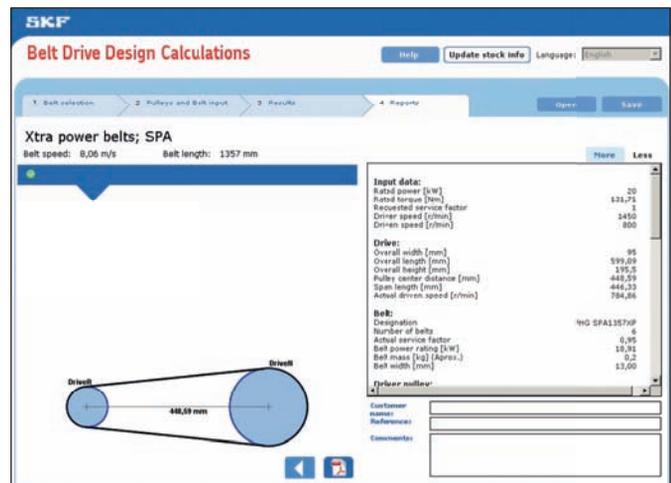


Step 2. Fill in basic application data, such as:

- Power and drive conditions
- Speeds and maximum pulley diameters
- Shaft diameters (if known)
- Centre distance



Based on your input, the system will provide a list of recommended solutions for your application.



The program will provide a full report about your selection that you can print and save as documentation.



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