



Cost-cutting solutions for continuous baking ovens

Benefits

- Helps keep your facility HACCP*-compliant
- Eliminates the need for grease or grease maintenance
- No dripping or grease clean-up
- Extends service life
- Drop-in replacement

Typical applications

Automated baking ovens for:

- Snacks – biscuits, crackers, cookies, pretzels
- Breads – rolls, bagels, tortillas
- Breakfast foods
- Energy bars

Cut downtime and lubrication costs with SKF® high-temperature bearing units

Continuous baking ovens “burn up” conventional bearings. SKF’s self-lubricating, high-temperature bearings eliminate the need for frequent bearing replacement and regular relubrication.

Temperature rated up to 350 °C (660 °F), the SKF high-temperature bearing units contain a unique graphite cage that provides lubrication yet makes them maintenance-free, with no dripping or grease clean-up required.

Quality manufactured for extended service life for ovens and similar applications. Recommended for shaft speeds up to 100 r/min.



Coated cast iron housings – surface coated housings with zinc and yellow chromate for enhanced corrosion protection.

- Drop-in replacement
- Plummer (pillow) blocks
- Flanged units 2 and 4 bolt holes

Bearing inserts

- Bore sizes available from 20 to 60 mm and 3/4 to 2 7/16 in
- 2 × C5 internal clearance
- Self-lubricating

Deep groove ball bearings

- High-quality bearing steel
- Double-shielded design
- 4 × C5 internal clearance
- Self-lubricating
- Bore sizes available from 10 to 120 mm



For more information about our full line of HACCP*-friendly products, contact your SKF Authorized Distributor.

* HACCP – Hazard Analysis and Critical Control Point



Increase the return on your maintenance investment with SKF

The whole idea behind the SKF 360° Solution programme is to help you get more out of your plant machinery and equipment investment.

This means lowering your maintenance costs, or raising your productivity, or both! Following is an example of the SKF 360° Solution programme at work in the metals industry.

Wafer producer saves €80 000+ per year on production line

A machine upgrade solution saved a major wafer producer more than €80 000 a year by reducing maintenance costs and increasing productivity on their continuous wafer oven. Their problem was frequent relubrication of the oven's bearing units using expensive high-temperature food-grade grease, and 26 hours of maintenance time per year.

A team of SKF engineers attacked the problem with the idea of eliminating the need for greasing, based on their extensive knowledge of high-temperature applications.



The solution was high-temperature bearings from SKF, fitted as an upgrade. The unique graphite cage design eliminates the need for relubrication and resists temperatures up to 350 °C (660 °F) and is compliant with food safety regulations.

Upgrading to high-temperature bearings from SKF provided the wafer producer with higher production rates, maintenance-free/ grease-free operation, and eliminated 26 hours of maintenance time per year.

Summary*

• Value of increased productivity due to higher speed oven throughput	€20 000
• Savings by eliminating material and labour costs for regreasing	€53 000
• Increased production due to elimination of 26 hours of maintenance	€10 000
Total savings.....	€83 000

* The above figures are rounded off and based on wafer producer estimates of material, labour and production costs.

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Publication 6096 EN · June 2005

