

# Food grinding mills

Dedicated solutions for the grain industry



For grinding equipment that processes food – the very heart of the milling industry – reliability and productivity are crucial. The goal is twofold: maintaining a high rate of yield and reducing the cost of maintenance. Without compromising on hygiene, health and safety standards, SKF offers innovative solutions to meet the specific demands of the agri-food industry.

## Improving reliability and performance

Accuracy – quality – consistent end product

**NEW**

### Belts and pulleys

Especially developed for grinding mills, SKF's new range of belts are manufactured from **high performance rubber**. With an innovative textured front and back, these belts provide high tensile strength, operating accuracy and service life.

For even greater reliability, SKF also offers **statically balanced** or **double-sided dynamically balanced** pulleys, and pulleys with **grooves** or fitted with tapered bushes for quicker installation.

- Specific belt ranges  
22DPL1764/  
26DPL1764,1760-8M-28PK /  
36PK / 38PK
- Pulley reference: 5SPB355
- Highly accurate
- Resistant to wear
- Reduced maintenance

### SKF Explorer sealed spherical roller bearings – Upgrade

A new heat treatment process for the steel provides up to **twice** the service life of standard bearings, **especially in dusty and contaminated environments**. With the sealed version, upgraded SKF Explorer spherical roller bearings are lubricated with high-quality grease and fitted with **contact seals for greater protection**.

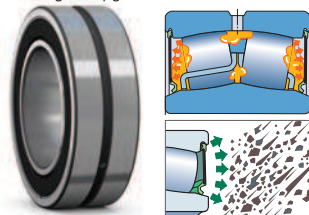
- Bearing and package identified with WR designation
- Better wear resistance
- Longer service life
- Fewer failures due to contamination
- Lower lubricant consumption
- Leaks prevented

### SKF FX keyless adapter sleeve

Designed to deliver a uniformly tight fit through 360 degrees, the SKF FX keyless adapter sleeve facilitates rapid, reliable assembly/disassembly of milling pulleys and rollers.

- 17 types available
- Zero clearance
- Fast, reliable assembly/disassembly

SKF Explorer sealed spherical roller bearings – Upgrade



SKF FX keyless adapter sleeve



# Limiting contamination and leakage to enhance food security

## Wave Seal – CRW series

Providing effective lubricant retention and protection from ground or crushed particulates, the SKF Wave Seal offers efficient sealing along with improved food safety. With its dynamic sinusoidal lip design, it also contributes to a 30% reduction in the temperature peaks that can lead to shortened seal and bearing service life.

The seal casing features SKF's special coating, Bore Tite, for longer service life.

- Reliable, effective sealing
- Reduces temperature peaks
- Extends service life
- Reduces lubricant leakage onto the product

## TLMR lubrication system – SYSTEM 24 range

The TLMR electromechanical single-point lubricator is designed to dispense lubricant at one specified point. With **30 bar** pressure, it can efficiently lubricate equipment that is inaccessible or at a distance, and can withstand **wide temperature changes and vibration**.

- Max. pressure : 30 bar
- Temperature: -25 to +70 °C
- NLGI 1, 2 and 3
- Up to 5 m sweep
- Protection index: IP 67

## TKSA and TKBA series shaft and belt alignment

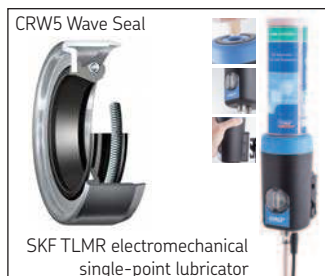
Half of failures are due to alignment faults. Especially suited to belt-driven equipment, the TKSA and TKBA series provide accurate and reliable alignment of shafts and belts. Using the "live" display interface or laser technology provided, the type of fault can be rapidly identified. The user is therefore guided throughout the entire alignment process.

- Ready for use
- Intuitive and easy to use
- Reliable, accurate alignment
- Reduction in unplanned machine stoppages
- Energy gains
- No specific training required

## Food grade bearing lubricant

Specially formulated for the agri-food industry, SKF's LGFP 2 lubricant is NSF H1 certified. Non-toxic, with FDA-approved ingredients, it contributes to preventing food safety issues.

- Fully compliant with sanitary regulations
- Highly resistant to water and corrosion
- Excellent service life



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