

# SCHAEFFLER

## MOBILITY FOR TOMORROW

## SCHAEFFLER

# Mobility for Tomorrow

PROVIDING  
**REVOLUTIONARY  
SOLUTIONS**  
TODAY

Future trends are clear – increasingly intelligent bearings and mechatronics systems require the Products and Maintenance Management solutions of Tomorrow. Yet Schaeffler provides those revolutionary solutions Today.

Products which are ever-more efficient, safer and quieter; keeping pace with the demands of heavy industry, renewable energy, automotive and rail transport applications. And Condition Monitoring which remotely evaluates real-load data to extend maintenance intervals safely, leading to greater cost savings.

Whether you are looking to purchase a standard bearing product or require a customised bearing solution for your application, the combined product range

from INA and FAG offers top quality, innovative rolling bearing and linear motion technology.

The range of maintenance products covers the following areas: Mounting and dismantling, lubrication, alignment, condition monitoring.

[www.eriks.co.uk](http://www.eriks.co.uk)

**0845 006 6000**



know-how makes the difference

# ERIKS

# SCHAEFFLER

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**FAG**

### FAG Spherical Roller Bearings in X-Life Quality

Spherical roller bearings are a special rolling bearing design whose inner ring runs inside the outer ring on two rows of rollers. The bearings have an angular adjustment of up to 2° and are not only designed for high load carrying capacity but can also compensate misalignments.

- Radial spherical roller bearings
- Split spherical roller bearings
- Sealed spherical roller bearings
- Customized solutions
- A clean solution: Whether it is in continuous casting plants, conveyor systems, or elevators – sealed spherical roller bearings are primarily used in challenging environments and when extra-quiet running characteristics are required.



**INA**  
**FAG**

### Cylindrical roller bearings

With a full range of cylindrical roller bearings to suit a variety of applications. High radial load carrying capacity suitable for higher speeds through to rigidity, as well as a high precision class for machine tool applications.

- Cylindrical roller bearings with cage
- Low-friction cylindrical roller bearings
- High precision cylindrical roller bearings
- Full complement cylindrical roller bearings
- Cylindrical roller bearings with snap ring grooves
- Cylindrical roller bearings with optimized rib contact



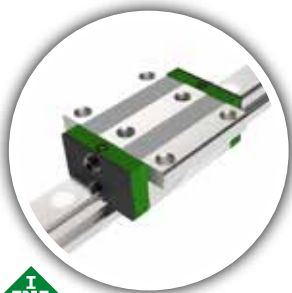
**FAG**

### Spindle bearings

Spindle bearings are single row angular contact ball bearings comprising solid inner and outer rings and ball and cage assemblies with solid window cages. They cannot be dismantled.

The bearings are available in open and sealed versions. Spindle bearings have restricted tolerances. They are particularly suitable for bearing arrangements with very high requirements for guidance accuracy and speed capacity.

They have proved highly suitable for the bearing arrangements of spindles in machine tools.



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### Linear Rolling Bearings and Linear Plain Bearings

Linear bearings are bearing elements for translation type motion. As in the case of rotary bearings, a distinction is drawn as to whether the forces occurring are transmitted by means of rolling or sliding elements.

The requirements placed on linear components are as varied as the applications in which they are used. In transport and feed systems, it is mainly speed and accuracy that are required while, in measuring machines for example, the emphasis is more on precision and rigidity.

In order to find the right linear guidance system for the specific task, both a sophisticated product range and detailed consultation are important. INA offers both: a wide range of linear products, combined with expert service. Furthermore, a range of accessories precisely matched to applications allow even greater optimisation of the comprehensive standard versions of guidance systems. We offer the following products for linear applications:

- Linear rolling bearings
- Linear plain bearings