

LOOK OUT FOR THE
HOLOGRAMS
THE MARK OF
GENUINE ZKL
PRODUCTS.

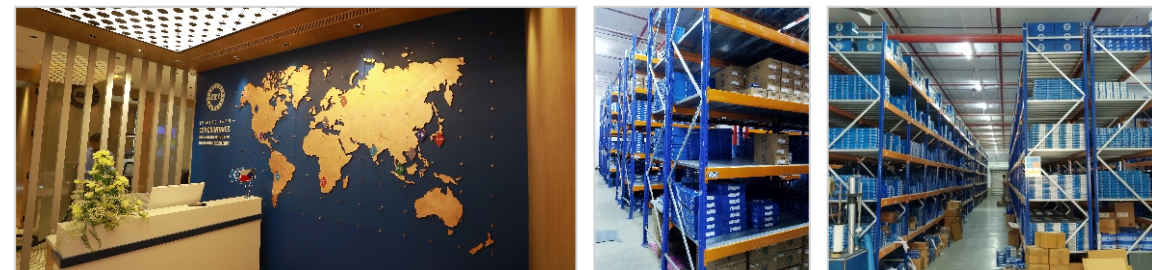


Beware of Fake Bearings

There is every possibility that the "branded" bearing that you are buying from a market trader is nothing but a substandard imitation of the original bearing. And this bearing, when put to use, does immense damage to your equipment in the long run, not to speak of frequent failures that cause breakdowns every now and then and reduces your plant productivity.

Therefore, to ensure that our esteemed customers do not have to fall in the trap of such unethical traders, we have devised a simple safety measure.

All imported ZKL products having 40 mm bore and above, are affixed with a pair of unique pre-numbered Holograms by us prior to delivery either to our customers, or to our Authorized Dealers. In the event of any doubt, you may refer the number to us for verification from our records in no time.



ZKL Bearings (India) Pvt. Ltd.

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IND/NOV/22

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Creators of Motion

Ensuring reliable and efficient operations
around the world



We have been rolling since 1921

Bearings make the world go round - literally. Used in almost anything with moving parts, bearings are vital components that improve the efficiency and reliability of machines and contribute to reducing resource and energy consumption. ZKL started its journey manufacturing the first ball bearings in Klášterec nad Ohří (Czech Republic) in 1921, and has since developed into a global organization researching, designing, and manufacturing solutions supporting mobility and industrial applications. Today, ZKL Group is the biggest manufacturer of Large Size Spherical Roller, Special, Split Bearings and Other Bearings in Central Europe.

With over 100 years of excellence in engineering, manufacturing, and service, we have actively contributed to worldwide industrial development and the preservation of the environment. We develop, produce and supply bearings and their accessories for the most demanding applications. For Power Plants, Paper Mills, Sugar Mills, Railways, Steel Plants, Gear Boxes, Electric Motor and your specific needs. ZKL products are used by companies in 80 countries around the world, namely in Europe, America, Asia and Africa.

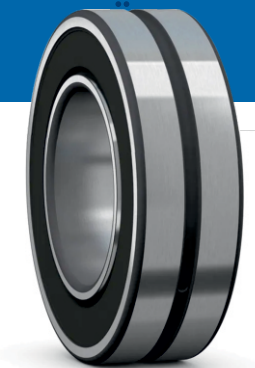


10,000⁺ Products

110⁺ Countries

100⁺ Years of experience

80⁺ Industry sectors served



At ZKL, everything relates to bearings

With innovative technologies, products, and services the ZKL is a reliable partner for making motion and mobility more efficient, intelligent, and sustainable. The technology company manufactures high-precision rolling bearing solutions for a large number of industrial applications. What we're really offering is an arena for innovation – an opportunity for our customers to use the tools we provide to explore, improve or rethink the performance of their rotating equipment.

And thanks to our own research and development, we are able to find solutions even in seemingly unsolvable cases.

Moving India Forward

ZKL India started its operations in 2000 and today provides industry leading industrial engineered bearing solutions through its pan India network. Over the years the company has evolved from being just a ball bearing distribution company to a knowledge-driven engineering company helping customers achieve sustainable and competitive business excellence.

“ Our extensive experience in Indian industries, along with in-depth application knowledge, makes us the most preferred solution provider for many leading OEMs and end users. ”



ZKL's solutions provide sustainable ways for companies across the industrial sectors to achieve breakthroughs in friction reduction, energy efficiency, and equipment longevity and reliability. With a strong commitment to service based excellence, ZKL India offers customized value added solutions integrating.

- » Ex-stock and prompt delivery of more than 80% of bearings and accessories needed frequently by customers
- » Pre-sales Application Engineering support
- » Bearing Mounting and Dismounting Services
- » Training on handling of bearings and selection of correct mounting / dismounting methods and tools
- » Bearing Failure Analysis and Corrective Action advice
- » Verification of Genuinity of ZKL bearings

Besides the Corporate Head Office in Kolkata, and branches in Mumbai, Chennai, and Gurgaon, we have a number of regional engineers located in prominent industrial centers. Over and above that, we have an extensive Authorized Dealer network all over India.

Our modern warehouse, situated very close to the city of Kolkata, is equipped with state of the Art facilities and carries a very large inventory of most of the products from the ZKL range, so as to support our customers in maintaining the Machine/Equipment reliability round the clock.



Driving the future through technical innovation

As a company looking to the future, ZKL places particular emphasis on investing in research and development. We combine hands-on industry experience with a vast product portfolio and knowledge around bearings. One of our strengths is the ability to keep developing new technologies that offer competitive advantages to customers, and at the same time, contribute to a sustainable society.



In Pursuit of Performance, Durability and Reliability

The demand for rolling bearings that are characterised by very high performance capability and operating life even under extreme conditions has increased significantly in recent years. ZKL has been offering answers to these diverse requirements for many years with energy-efficient, robust solutions.

ZKL is one of the world's leading manufacturers of bearings. We ensure motion with the utmost precision; even under the most difficult operating conditions. Our bearings run in wind turbines and machine tools and production lines for a variety of industries.

Our Bearing Solutions can withstand even the most demanding conditions. These bearings resist seizure as well as wear in spite of constant vibration, misalignment and shock loads.

Split cylindrical roller bearings are special bearings designed especially for heavy industries. Due to the nature of their construction, they are designed mainly for the transmission of radial loads. The undeniable advantage of split bearings is the possibility of mounting where standard bearings would not be possible to be mounted or would be very difficult to mount. Compared to conventional bearings, these split bearings have a wider inner ring which allows the split bearing to be mounted on the shaft.



The Spherical Roller Bearings maintain dimensional stability, can support high radial loads and moderate axial loads. Their performance enhancements include extremely tight radial clearance tolerance, extra precision on the bore and outside diameter & super-finished, specially heat-treated rollers with superior shock load capacity.

Product Features

Design

Elimination of the guide ring allowed for a design change that improves cage balance and strength.

Material Technology

Made from ZKL's high-cleanliness steel.

Seal Technology

ZKL offers different materials for sealed spherical roller bearings depending on the operating temperature of the bearing.

Cage Materials

Available in steel, brass or polyamide depending on the requirements of the application.

Special surface treatment

Increases resistance to wear.

Manufacturing Technology

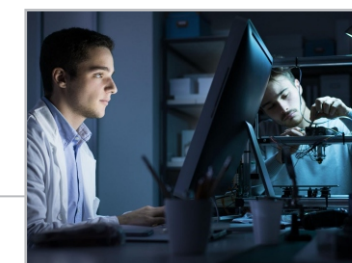
Advanced production system guarantees outstanding quality control.

Proven Extended Life

Aimed at reducing total cost of ownership and creating a positive environmental impact for industry standard bearings.

Reduced maintenance costs

Downsizing to smaller bearings while improving performance and lengthening equipment operating life.



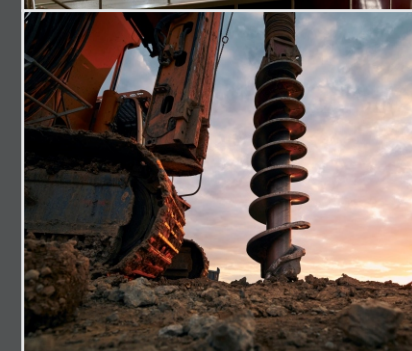


Delivering Better Results through Tailored Solutions

Our bearings demonstrate low friction, guidance with minimum run out or play, quiet running, low lubricant requirements, little wear and a long service life. In addition to these our solution has proven performance in all operating environments. Some of these include:

- » Very high or low temperatures
- » Variances in temperature
- » Moisture
- » Speeds/ revolutions per minute
- » Resistance to dirt
- » Ability to function in acid and alkaline solutions
- » Ability to function in liquid gas and process dust
- » Suitable for use in clean environments such as those in medical and food and beverage

Paper Industry
 Textile Industry
 Belt Conveyors
 Railway
 Steel Mill
 Mining
 Power Generation
 Aggregate Industry
 Cement Industry
 Crusher
 Agriculture
 Cranes & Material Handling
 Construction
 Electric Motors
 Pumps, Fans & Blowers
 Oil & Gas
 Wind Energy



Perfect bearing solution for your application



Single Row Deep Groove Ball Bearings

- Standard execution
- With seals or shields
- With groove on outer ring for snap rings
- Separable type



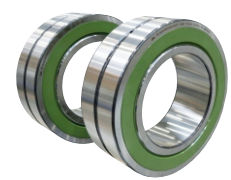
Angular Contact Ball Bearings

- Single row
- Double row



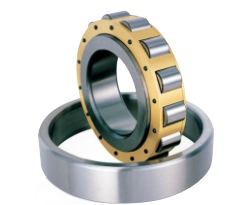
Ball Thrust Bearings with Sphered Housing Washer

- Single direction
- Double direction



Sealed Spherical Roller Bearings

- Sealed Spherical Roller Bearings



Single Row Cylindrical Roller Bearing

- NU type
- NJ type
- N type
- NUP type



Tapered Roller Bearings

- Single Row
- In metric dimensions
- In inch dimensions
- Multi Row



Double Row Self Aligning Ball Bearings

- With cylindrical bore
- With tapered bore



Ball Thrust Bearings with Cylindrical Seating

- Single direction
- Double direction



Double Row Spherical Roller Bearings

- with Cylindrical Bore
- with Tapered Bore



Vibrating Screen Duty Bearings

- with Cylindrical Bore
- with Tapered Bore



Double Row Cylindrical Roller Bearings

- NN type



Full Complement Single Row Cylindrical Roller Bearings

- SL 18 series
- SL 19 series



Spherical Roller Thrust Bearings

- Steel Cage
- Brass Cage



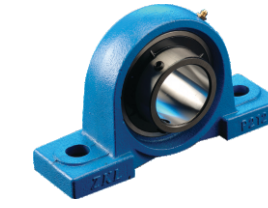
Split Roller Bearings

- Spherical
- Cylindrical



Spherical Plain Bearings

- GE - ES
- GE - ES2RS
- GE - UK2RS (TA 2RS)



Unit Bearings

- With eccentric locking ring
- With grub screw locking
- Pedestal mounted
- Flange mounted



Bearings Sleeves

- Adapter Sleeves
- Withdrawal Sleeves



Plummer Block

- SNG type
- SNA type
- SD type
- SAF type
- SN type
- SOFN type



Mechanical Bearing Puller

- Item No - PK-130 (3/5 tons / 40mm)
- PK-230 (5/8 tons / 50mm)
- PK-295 (5/10 tons / 120mm)
- Self-centering design secure positioning of jaws and easy operation.
- Forging parts and special treatment provide long life service and the best strength.



Bearing Fitting Tool

- Perfect for precise mounting seals, bearings, bushings as our fitting tool's ring is precisely cover working-piece housing it is not only a fully protection and also assure mechanical performance accurately to be operate
- We are providing FT-33 and FT-39 which is with 33 ring and 39 rings



Induction Heater

Safe and efficient way for mounting of bearings
To achieve for sure the following

- Energy efficiency
- Clean & environment friendliness
- Extreme cost effectiveness
- Reduced mounting time
- Easier operation
- No maintenance cost