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NPB BEARINGS



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NPB Bearing (China) Co.,Ltd

Company Introduction



NPB Bearing (China) Co.,Ltd was established in 2000 and founded by Luoyang CAB Auto-Machinery Co.Ltd & Luck Peace Enterprise Ltd (LPB)

Both companies have been working with Bearings and Auto- Machinery parts since 1996. NPB focuses its capacity on high precision bearings, thin section bearings, heavy loading track roller bearings and specially made, custom order bearings for unique applications.

As an experienced manufacturer with over 10 years of experience, audits, and sub-contracting work with many famous OEM manufacturers. And we has received ISO 9000 certificate due to our continued emphasis on management standards, technical process controls, and our ability to provide quality traceability reports for every shipment to our customer.

In 2011, NPB established its own slewing rings and cylindrical roller bearings factory to produce bearing products that range from ID 200 mm to OD 9500 mm. By bringing production in-house, we are able to ensure that each shipment of bearings passes our rigorous testing processes and quality standards. Our high precision bearings have been graded up to P2 level. We are a unique producer of large diameter slewing rings such as our popular 8 meter slewing bearing from forge to finished products, we are here to support your needs.

For the purpose of offering a full range of products to fit all of our customer's needs. In 2013, NPB established a 300 square meter QA facility equipped with modern instruments and qualified inspectors to ensure all products produced or distributed by NPB meet the highest benchmarks according to ISO standards

Currently the NPB products are widely used in various industrial fields such as steel mills, industrial mining machinery, transport systems, automatic systems, machinery tools, automotive industrial, electric motors, construction machinery, etc...

Throughout our 15 years of experience, we've have grown our technical engineering team so we may accommodate custom bearing orders. We now pride ourselves in being able offer custom solutions for nearly any project. We can work with you, through the details, to provide a great end product that goes beyond functionality and quality.

NPB Worldwide Operations maintains an exceptional service team which includes international sales managers located in key regions around the globe as well as a customer service center in China, and branch service companies in Italy and Germany. We have experienced engineers who can supply service to European customers on time. With our existing customers we continue to build a strategic supply chain in to provide satisfying solutions as well as potential customers.

The relationship with our customers starts long before an order is placed and goes beyond moment when our NPB product is shipped.

We manufacture according to the instructions of our customers and go the extra mile to add value.

As responsible supplier, NPB will continue to improve its service and quality for its customers.

NPB, let's run together.





PRODUCTION EQUIPMENTS

- Vertical Turning Machine
- CNC Grinding Center
- Universal Grinding Machine



The size range of our products goes from 200mm to 9500 external diameter.

Slewing bearings:

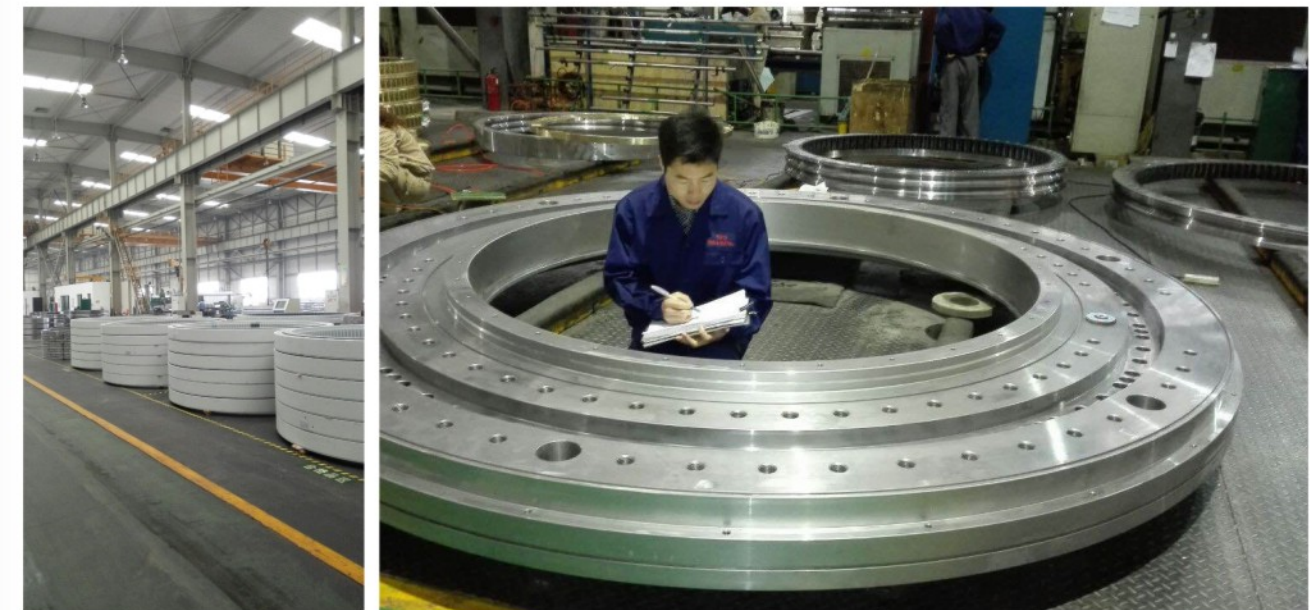
- Four point contact ball slewing bearings
- Double row ball slewing bearings
- Triple-row roller slewing bearings
- Roller and ball combination
- Wind power bearings

Special roller bearings:

- Cylindrical roller bearings full-complement and with cage
- Single and double-row tapered roller bearings
- Crossed roller bearings

Special ball bearings:

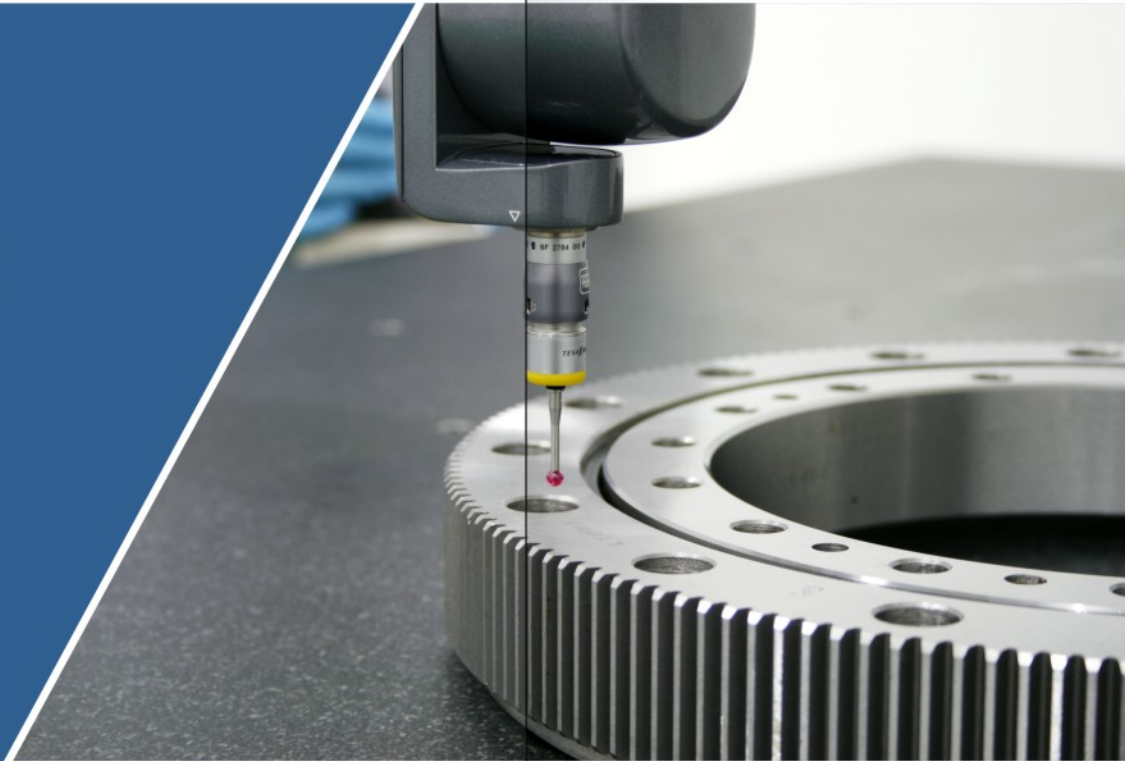
- Angular contact ball bearings
- Four-point contact ball bearings
- Precision thrust ball bearings
- Thin section ball bearings

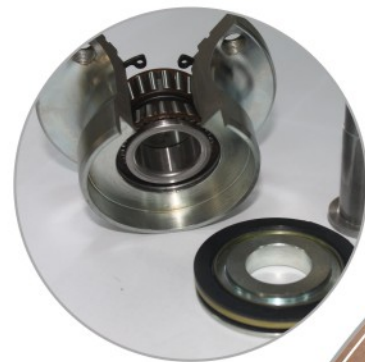
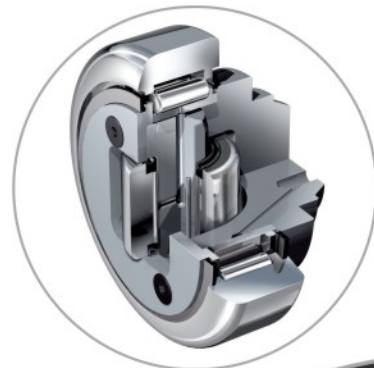




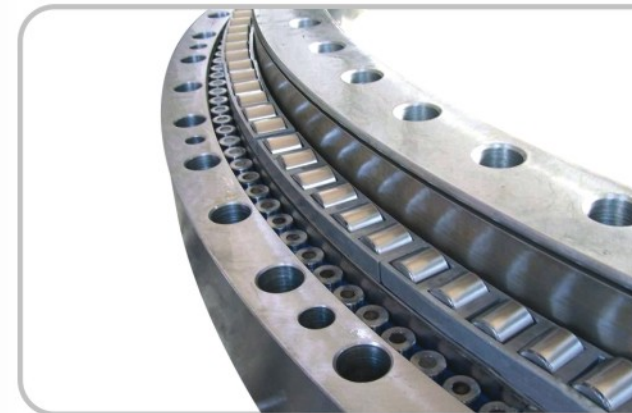
INSPECTION INSTRUMENTS

- Coordinate measuring machine
- Roughness and profile measuring machine
- Length-measuring machine
- Hardness inspection





NPB PRODUCTS RANGE AND SERVICE



SLEWING BEARINGS

Designs and variants

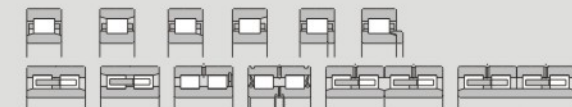
- Ball rolling elements
- Rollers and balls combination
- Triple-row rollers
- Rings with gear
- Rings with flang



CYLINDRICAL ROLLER BEARINGS

Designs and variants

- Single row, double row and multi-row
- With cage and full complement
- Rollers guided by inner ring
- Rollers guided by outer ring



THRUST BEARINGS

Designs and variants

- Ball rolling elements
- Tapered rollers
- Spherical rollers
- Double direction thrust bearings
- With self-aligning facility



THIN SECTION-BEARINGS

Designs and variants

- Deep groove bearings
- Angular contact bearings
- Four point contact bearings



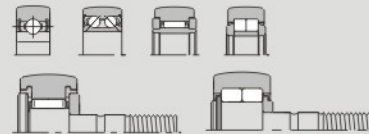


TRACK ROLLERS



Designs and variants

- Yoke type track rollers(NUTR / NATR / STO / PWTR)
- Stud type track rollers(KR / KRE / NUKR / PWKR)
- Cam flowers(ZL2 / ZL52 / LR2...-2RS / LR52...-2RS)

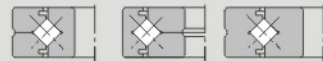


CROSSED ROLLER BEARINGS



Designs and variants

- Split outer ring
- Split inner ring
- Solid inner ring and outer ring

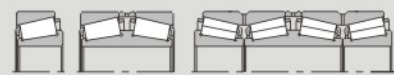


TAPERED ROLLER BEARINGS



Designs and variants

- Single row
- Double row
- Multi row



ANGULAR CONTACT BEARINGS



Designs and variants

- Single row
- Double row
- Four point contact

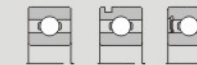


DEEP GROOVE BALL BEARINGS



Designs and variants

- Open type
- Sealed type with RS rubber seals
- Sealed type with ZZ shields
- Outer ring with locating ring
- Deep groove ball bearing for motor application



SPHERICAL ROLLER BEARINGS



Designs and variants

- Cylindrical bore
- Tapered bore
- Pressed steel cage with floating guiding ring in the middle
- Machined brass cage with solid ribs on inner ring and floating guiding ring in middle



BEARING UNITS



Designs and variants

- Pillow block
- Flanged bearing unit
- Take up bearing unit
- Split bearing unit



HUB UNITS



Designs and variants

- Double-row tapered roller hub
- Double-row angular contact ball hub
- Hub units for agriculture application





NPB PRODUCTIONS APPLICATIONS

Wind Power

- Superior material and stable heat-treatment ensure long life and reliability
- Precision machining guarantees running accuracy and low friction
- Multiple high performance seal solutions with outstanding contamination proof property and low friction
- Advanced surface treatment technology ensure lifelong corrosion proof property



We UNDERSTAND your business

Fork Lift

- Diverse designs meet the needs of different applications
- Profiled outer surface enabled to accommodate complex load conditions
- Precision grinding guarantees running accuracy and load distribution internally
- Bountiful of choice in surface treatment to protect the bearing from corrosion



Engineering Machinery

- Optimized material selection and stable heat-treatment ensure long life and reliability
- Precision machining guarantees running accuracy and low friction
- Multiple high performance seal solutions with outstanding contamination proof property and low friction
- Optimized ball and roller complement and internal design enhance load carrying capacity



Paper Industry

- Abundant bearing type meet all needs in each machine parts
- Precision grinding guarantees running accuracy and consequently reduce vibration
- Proper surface treatment used to reach high corrosion resistance property
- Optimized seal solution ensured long life and maintain interval



Agriculture

- Premium quality steel and steel balls ensure long life and high reliability
- Multiple high performance seal solutions with outstanding contamination proof property
- Precision grinding guarantees running accuracy and reliability in power transmission
- Optional material in bearing house to meet higher load capacity

Our solutions FIT you business

Steel Industry

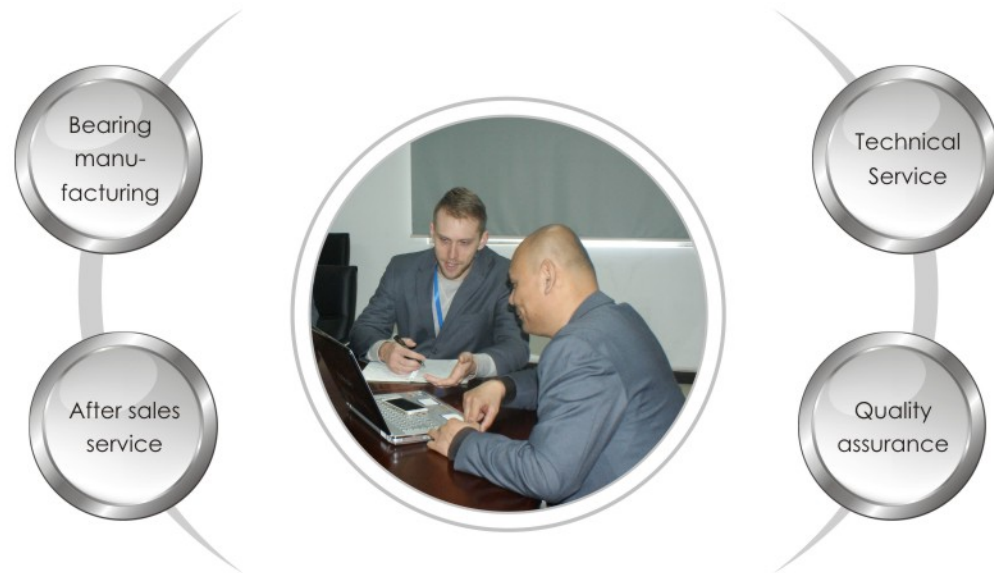
- Precision grinding internally optimized load distribution
- Premium quality steel and rolling elements ensure long life and high reliability
- Optimized clearance design to ensure bearing performance and life





SERVICE RANGE

Your **SATISFACTION**
Our goal



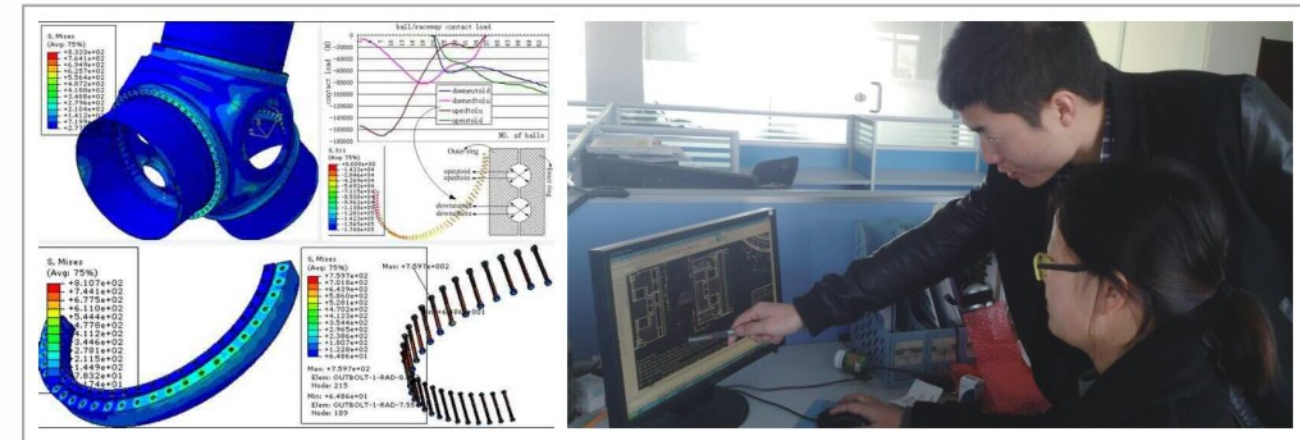
Quality Control Service

NPB has been striving to provide customers with quality-controlled products and established 300 square meters of inspection center which equipped with advanced inspection instruments. Every batch of products whether in-house made or purchased is 100% inspected before delivery.



Full implementation includes not just the production, but also the extensive know-how offered by our technical team for application in your project. This allows us to assist you from start to end and in any situation.

- ▶ Application engineering
- ▶ Design and Calculation
- ▶ Drawings preparation
- ▶ After sale service



Custom Packaging

NPB do utmost consistently providing satisfaction service to the customers & offering with excellent customize packaging to its customer in the market.

