



YOUR TRUSTED INDUSTRIAL ASSISTANT



HSN BEARING GROUP
Email: service@hsnindustrial.com
Tel: +86 156 6578 7336
Web: www.hsnbearing.com



HSN BEARING GROUP



MINING.

CEMENT.



HSN Bearing Company

Your Trusted Industrial Assistant

HSN Bearing is a comprehensive wholesaler and retailer focusing on large industrial bearings. It is committed to providing high-performance bearing solutions for heavy industries such as steel mills, cement plants, mines, and the oil and gas industry around the world.

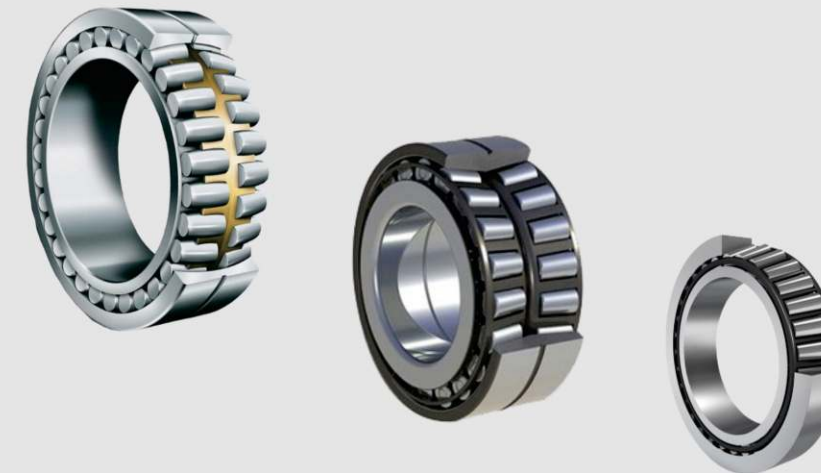
The company has independent production capabilities and relies on a number of stable partners, a strict quality management system, and internationally advanced bearing testing equipment to ensure that our product quality meets or even exceeds customer market requirements. Thanks to decades of experience, our own warehouse has stockpiled about 2,000 tons of hot-selling bearings, greatly shortening the delivery cycle.

Continuous Miner



Frequently-used bearings for continuous miner:

- Spherical roller bearings
- Single-row tapered roller bearings
- Double-row tapered roller bearings



Bucket Wheel Excavator



Frequently-used bearings for bucket wheel excavator:

- Large size spherical roller bearings
- Large size double row tapered roller bearings

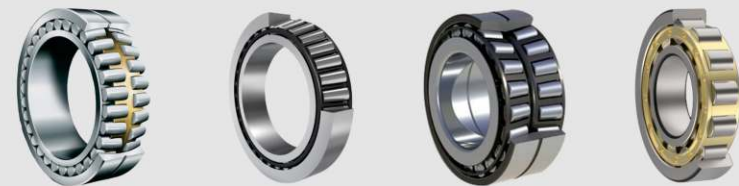


Dragline & Shovel



Frequently-used bearings in the dragline & shovel:

- Spherical roller bearings
- Single-row tapered roller bearings
- Double-row tapered roller bearings
- Cylindrical roller bearings



Dump Haul Truck

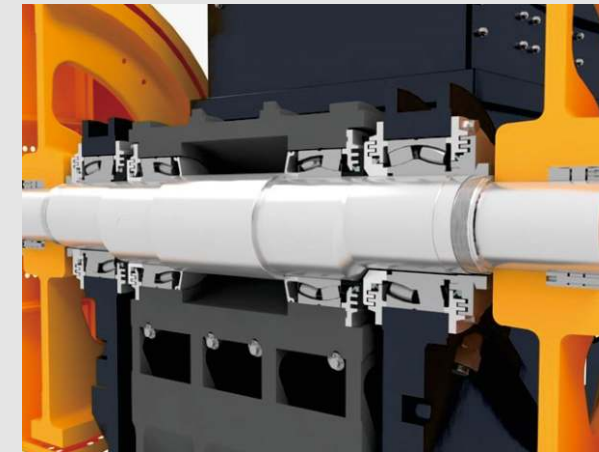


Frequently-used bearings for dump haul truck:

- Wheel End: Case-hardened tapered roller bearings
- Electric Motor: Insulated deep groove ball bearings
Insulated cylindrical roller bearings
- Planetary Gear: Spherical roller bearings



Jaw Crusher



The Typical Bearing Type For Jaw Crusher

- Spherical roller bearings

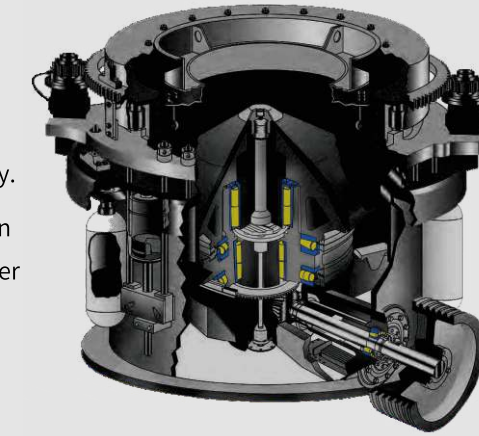
Feature

- Optimal design, enhanced service life
- Case-hardened, extreme heavy loads carrying capacity
- CC, CA, MB design are all available



The jaw crusher usually works in very severe conditions, that requires bearings to have the high loads and shock carrying capacity.

HSN optimizes the internal design of bearing specially for jaw crusher to reduce the unexpected down-time.



Cone Crusher

In a standard cone crusher, the main shaft is housed in a frame attached to a mantle. A pinion / counter shaft assembly drives a bevel gear that rotates the cone. As material presses against the bowl liner by the mantle or cone, it is crushed into smaller pieces that fall through to the bottom.

The Typical Bearing Types For Cone Crusher

- Main shaft: 2 x radial roller bearings & 2 x thrust roller bearings
- Pinion / Counter shaft: spherical or tapered roller bearings

Feature

- Optimal design, enhanced service life
- Case-hardened, extreme heavy loads carrying capacity
- Totally same design as OEM



Our Strength On Cone Crusher Bearings

- Our most featured product
- Cover most of world popular OEM brands and models
- Perfect substitution of branded products, more cost-effective
- The most abundant inventory of crusher bearings in China



Vibrating Screen



The bearings for vibratory applications, are designed specially to withstand the challenge of heavy vibration and shock, heavy radial and axial loads. In consequence, these bearing must have excellent carrying capacity for both radial and axial loads.

The Typical Bearing Type

- Spherical roller bearings



Feature

- 223xx series exclusively, VA405 & VA406
- C4 clearance as standard.
- E, E1, EJA, CCJA, MA designs
- Case-hardened



Conveyor System



Conveyor systems move countless amounts of material across long distances every day. Various types of rolling bearings are found in gear-boxes, pulleys and idlers.



- Frequently – used Bearing Types for Conveyor
- Open or sealed spherical roller bearings
 - Split cylindrical or spherical roller bearings
 - Split bearing housings (Plummer block)
 - Mounted bearing unit

Our Strength On Split Roller Bearings

- One of the most featured products
- The only company who have R & D capacity on split roller bearings in China
- 100% substitution of branded products, more cost-effective
- The most abundant inventory in China



Vertical Roller Mill

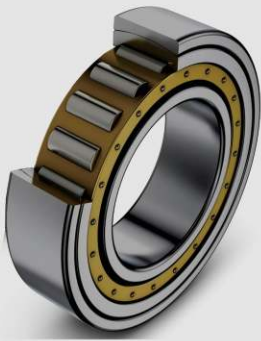


Vertical roller mill's high dynamic loads impact the bearings primarily .

It requires the bearings come with high radial and axial loads carrying capacity and long nominal rating life.

The Typical Bearing Types For Vertical Roller Mill

- Double-row tapered roller bearings
- Cylindrical roller bearings



Roller Press

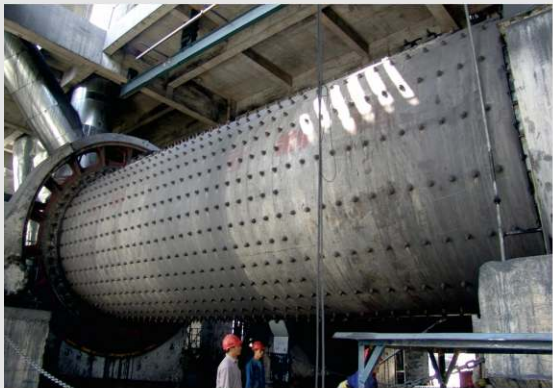
Spherical roller bearings are predominantly used in roller presses because of high load carrying capacity and ability to compensate misalignment, as well as four row cylindrical roller bearings which are more cost-effective.

Frequently-used Bearing Types for Conveyor

- Large size spherical roller bearings
- Four-row cylindrical roller bearings



Grinding Ball Mill



Ball mills are subjected to extreme fluctuations in temperature. That requests reliability and high performance of the bearings.

The Typical Bearing Types For Vertical Roller Mill

- Large size spherical roller bearings
- Unsplit or split cylindrical roller bearings
- Split bearing housings



Rotary Kiln



Rotary kiln means ultra high investment for cement industry. At full capacity, rotary kilns are in operation 24h x 7. The unexpected downtime will result in extremely high costs and damage.

Frequently-used Bearing Types for Conveyor

- Large size spherical roller bearings
- Split bearing housings

Track Roller Bearings



Spherical Plain Bearings



Sensor Bearing Units



Stainless Steel Bearings



Combined Bearings



Ceramic Bearings



High Temperature Bearings



One Way Bearings



Quality has always been the most essential factor to win the market. Therefore, HSN has been focusing themselves on quality control in the past 35 years.

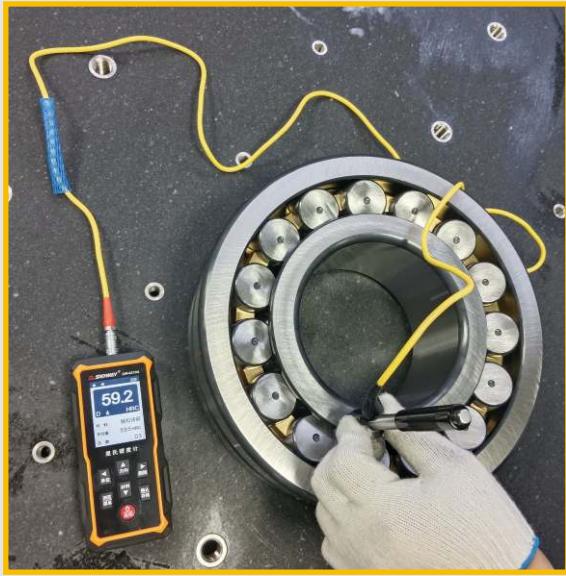
By now, except rigorous manufacturing process, we have built our own testing lab which is equipped with comprehensive testing equipments for material, size precision, hardness, vibration, noise level and so on.

All bearings are inspected according to ISO, DIN, and ANSI bearing standards to ensure consistent quality before delivery.

Clearance



Hardness



Dimension



Vibration & Noise



Ultrasonic Flaw Detector



Surface Roughness Tester



Material Analyzer