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WZWN®

Wafangdian Metallurgical Bearing Group Co., Ltd.

Make the world turn better...

Intial of Wafangdian City

Initial of Bearing(chinese phonetic alphabet ZHOU CHENG)

Inital of Wafang Village (a district of wafangdian city)

We can produce various bearings...

WZWN

Enterprise Mission

Provide customers qualified products,
Meet customers' requirement.

About Us

Vision

Higher innovation capacity and
Higher international competitiveness.

Wafangdian Metallurgical Bearing Group Co.,LTD.established in 1992, which was called Wafangdian Metallurgical Bearing Factory before, Located in Northern suburb of Dalian on the Liaodong Peninsula, the cradle of China Bearing. There are Shen-da expressway,Chang-da railway,Dalian seaport and Dalian airport, so the traffic is very convenient here.

Wafangdian Metallurgical Bearing Group Co.,LTD. is a professional bearings manufacture which covers an area of 230,000m^2 , construction area of 130,000m^2.There are more than 1,630 employees working here ,including 125 engineers and technicians. We have obtained ISO/TS16949:2009 Quality Management System Certificate, ISO10012 Measurement Management System Certificate and ISO14001 Environmental Management System. We have been awarded as 'Quality-trusted Company'and'Respect Contract and Creditable Organization'. Our **WZWN**® rolling bearing has been appointed as 'Metallurgy Famous Products'and 'Liaoning Famous Products'. Our company has been awarded as 'Liaoning Province Quality Management Prize'.

Absorbing the modern scientific management theory and adopting the advanced manufacturing processes and method in the production procedure, the quality of our products has been improved continually.100% of our products have reached national standard. At present, our company produces (0,2,3,4,6,7,8,9) 8 types of bearings, many series and different precision levels, more than 1,0000 specifications and thousand of structures rolling bearings from ID50mm to OD2000mm.

Our **WZWN**® products have been widely used in the machineries of metallurgy, rolling mills, mine fields, petroleum, cement, paper making, plastics machinery, heavy machinery, engineering machinery and so on. Our products are very popular in China and exported to Asian, American, European and the other more than 20 countries and areas. We continue persisting on the principle of 'Quality First, Customer Uppermost, Creditability Important', dare to exploring and creating, try our best to prove first-class products and best service to meet our customers expecting and assure our customers to get the satisfied products.

Quality

Our company keeps providing our customers best products and service. We have obtained ISO/TS16949:2009 Quality Management System Certificate, ISO10012 Measurement Management System Certificate and ISO14001 Environmental Management System. We have been awarded as 'Quality-trusted Company'and'Respect Contract and Creditable Organization'. Our WZWN rolling bearing has been appointed as 'Metallurgy Famous Products' and 'Liaoning Famous Products'. Our company has been awarded as 'Liaoning Province Quality Management Prize'.

Manufacturing

Market-oriented,
Provide customers qualified products
to fit their requirement...

Full production line: forging, anealing, turning, quenching, grinding, roller process and cage process, assembling.

High precision grinding production line.Biggest diamenter is 2000mm,,the precision can reach 0.02mm.

Manufacturing

Market-oriented,
Provide customers qualified products to fit their requirement...

The production line is used for manufacturing mass bearing rings and treating rollers with nitrate, martempering, austempering and tempering. The outer diameter can reach to 1500mm. It's the largest type salt bath hardening roller furnace in our country so far. Nitrogenous bases protection, atmosphere controlled and part surface without decarburized prolong bearing life.

Our company carburizing furnace can achieve computer automatic control, nitrogen-based protection, atmosphere control to improve the quality and reach industry leader.

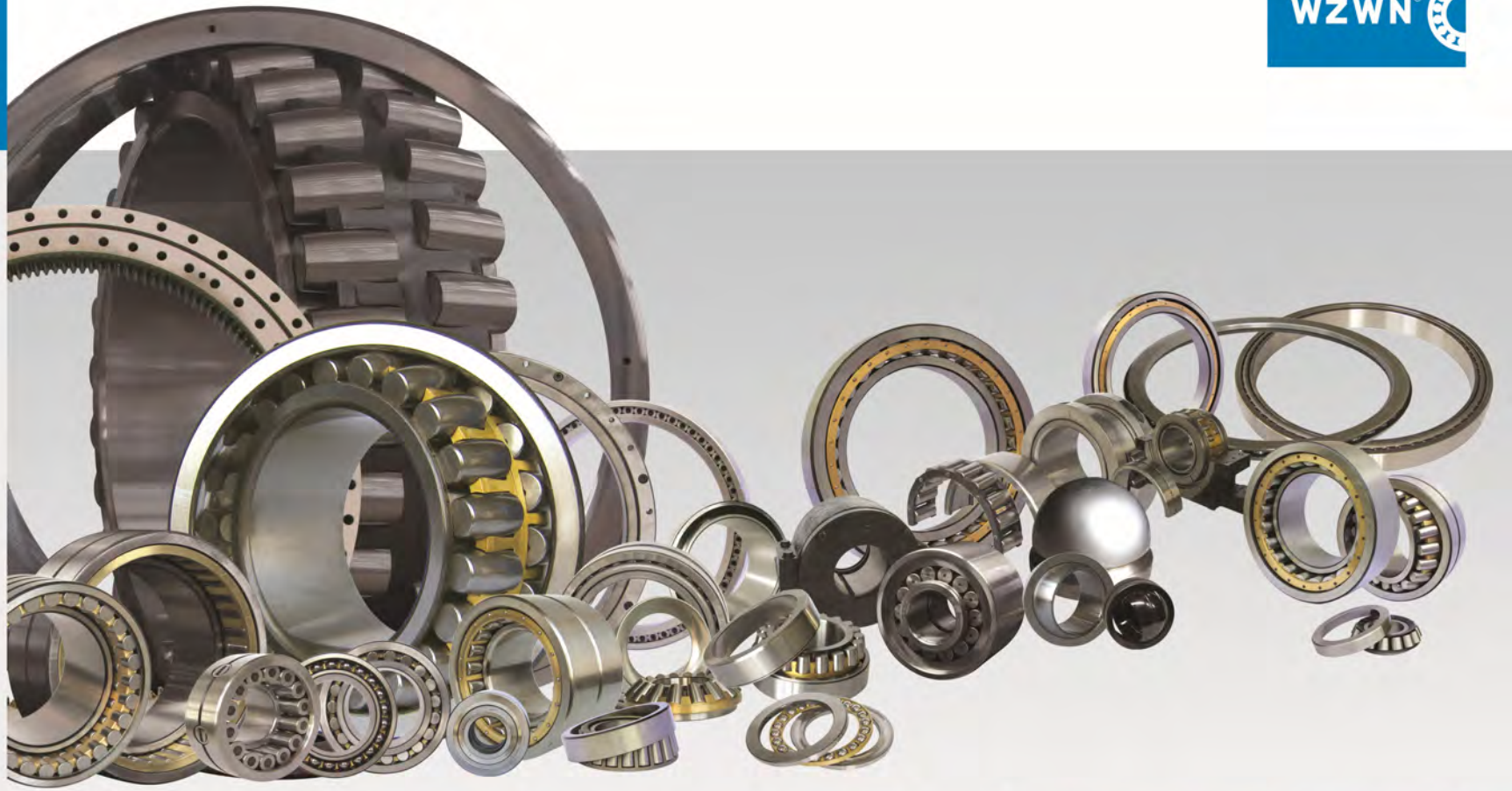
Marketing

Quality Accomplish Future

Our Service tenet: Quality first, service upmost.The company has formed a whole set of perfect system including the research and development, manufacturing, quality control , Logistics and after service of the product., which completely ensure our customers receive the best .

Products

- Metallurgical Rolling Mill Bearings
- Oil Machinery Bearings
- Mining Machinery & Cement Bearings
- Rubber Machinery Bearings
- Power Station Equipment Bearings
- Water Conservancy Project Bearings
- Slewing Bearings
- Engineering Machinery Bearings
- Non-standard Bearings



Products

Metallurgical Rolling Mill Bearings

1. Backing Bearings
2. Steel Rolling Mill Bearings
3. Bar&Wire Rolling Mill Bearings
4. Non-ferrous Metal Rolling Mill Bearings
5. Cold rolled Sheet Bearings
6. Sheet Material&Strip Mill Bearings
7. Cooling Bed Bearings
8. Thrust Bearings

1. Backing Bearings

Backing bearings are roller bearings having a particularly thick-walled outer ring and can be mounted on stationary support shafts to form back-up or straightening rolls.

Most of the backing bearings are cylindrical roller bearings. The limitation of the precision is very high. Especially the value of T. On every shaft, T should be controlled between 0.003mm and 0.005mm.

Our company is producing many dimension series backing bearings with different structure and P4 precision. They are widely used in 20-shaft rolling mill, 8-shaft rolling mill, straightening machine and bending machine.

2. Steel Rolling Mill Bearings

Our company is producing four-row cylindrical roller bearings, four-row tapered roller bearings and double-row tapered roller bearings. The inner diameter is from Φ110 to Φ800mm， the outer diameter is from Φ170 to Φ1000mm, including 500 items. And they are widely used in the equipment of H sections, I-beam steel, angle steel and die forging.

3. Bar&Wire Rolling Mill Bearings

The four-row cylindrical roller bearings, double-row cylindrical roller bearings, double-row angular contact ball bearings, deep groove ball bearings and double-direction thrust cylindrical roller bearings which produced by our company are used in the bar rolling mill with the diameter from Φ10mm to Φ200mm, high-speed wire rolling mill which the line velocity is 120m/s, 110m/s, 100m/s and the diameter is from Φ5mm to Φ13mm. Our products have taken place of importing bearings and reached the requirement on the life time. The sealed separable four-row cylindrical roller bearings which developed by ourselves has impact resistance, high speed, high reliability, long life time and sealing. The life time is twice of normal four-row cylindrical roller bearing.

4. Non-ferrous Metal Rolling Mill Bearings

With the inner diameter from Φ300 to 1200mm, FCDP series cylindrical roller bearings, double-row tapered roller bearings, double-row angular contact ball bearings are widely used in the equipment of copper strips, copper foil, aluminium strip, aluminium foil and other non-ferrous metal.

Especially FCDP series cylindrical roller bearings. Cold riveting lengthens the bearing's life time.

Products

Metallurgical Rolling Mill Bearings

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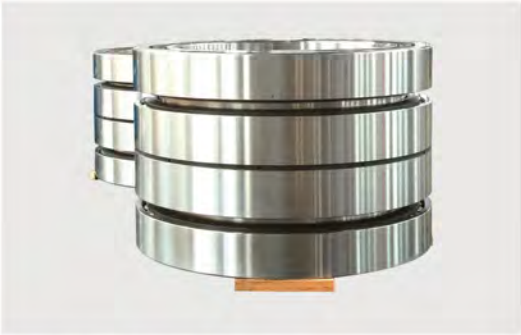
8. Thrust Bearings



5. Cold rolled Sheet Bearings

This bearing is of the bearings used on the metallurgical equipment. There are many items and different structure. Such as four-row cylindrical roller bearings, four-row tapered roller bearings, cluster mill backing bearings, double-row tapered roller bearings of locating bearings and ball bearings.

Equipment feature: high speed、big rolling power、high precision.

Top speed: 1200m/min.

Bearing dimension range: inner diameter from Φ50 to Φ1000mm.

High-speed cold rolling mill: precision at least P5.

6. Sheet Material&Strip Mill Bearings

FC, FCD and FCDP series bearings, double-direction thrust cylindrical roller bearings and the tapered roller bearings without cage can work reliably. The bearings above are widely used in the rolling mill from 450 to 750 and the reversing mill from 850 to 1500.

7. Cooling Bed Bearings

This is a kind of spherical roller bearing. It is easy to dismount. We create a precedent in domestic cooling bed bearing.

8. Thrust Bearings

It is a thrust tapered roller bearings without cage. It can take big axial load. We are supporting to domestic dients to replace imported bearings.

Products

Oil Machinery Bearings

1. Oil-drill Bearings
2. Fracturing Pump Bearings
3. Beam-pumping Unit Bearings

1. Oil-Drill Bearings

Our company's oil-drill bearings range can cover all the bearings in mud pump, slewing, tape, crown block, winch and derrick substructure.

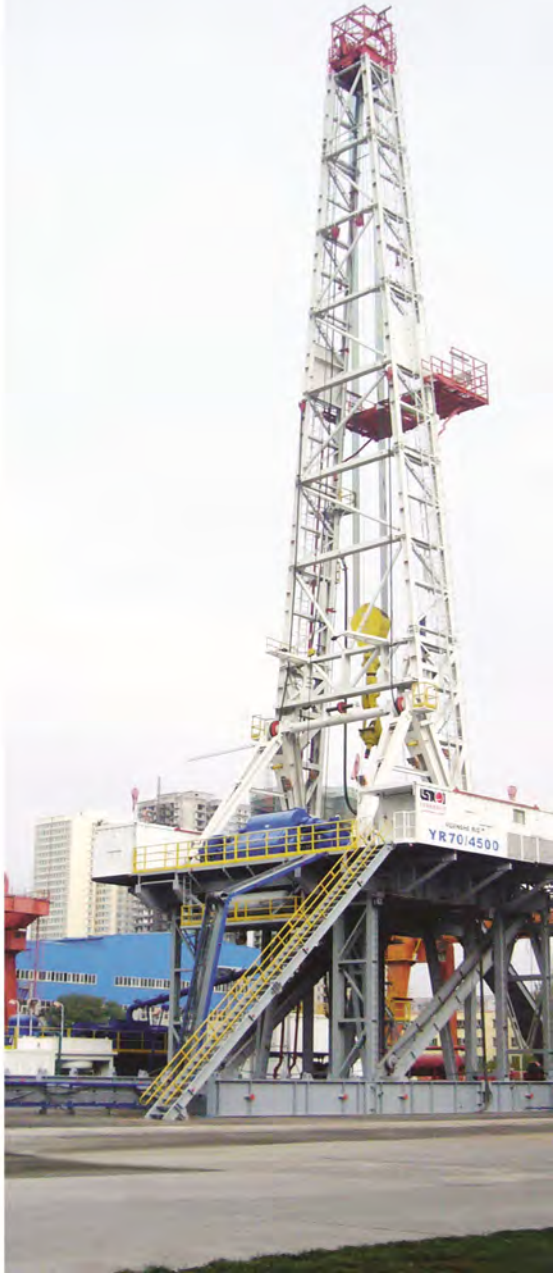
2. Fracturing Pump Bearings

Triplex pump, quintuple pump.

3. Beam-Pumping Unit Bearings

We are supporting the pumping unit of 1280,912,640,456,320, 228,114 with spherical roller bearings and single row cylindrical roller bearings. Our bearing is exporting to Europe and America together with the host machine.

WZWN®



Products

Mining & Cement Machinery Bearings

1. Tramcar Bearings
2. Cement Machinery Bearings
3. Vibrating Screen Bearings
4. Mining Machinery Bearings

1. Tramcar Bearings

The structure is the same as single row tapered roller bearings, belong to light series and using with pair. This bearings is used on 150t tramcar. The life time can fit customer's requirement.

2. Cement Machinery Bearings

Major products are deep groove ball bearings, cylindrical roller bearings, spherical roller bearings, tapered roller bearings and slewing bearings. These bearings are featured with high load-carry capacity, high rotational speed and strong impact resistance. They are used on ball grinder, vertical grinder, crusher, concentrating machine, magnetic separator and conveyer.

3. Vibrating Screen Bearings

Through optimizing internal structure, solve the problem of imbalance load and prolong working life.

4. Mining Machinery Bearings

Single row taper roller bearings, double row taper roller bearings, three row taper roller bearings, double row sphericial roller bearings, single row ball centripetal bearings were applied in coal winning machine, entry-driving machine, bogie-truck, lifting machine and so on coal mine machinery.

Products

Rubber Machinery Bearings

Double row taper roller bearings with inch size, double row spherical roller bearings, four row cylindrical roller bearings, thrust roller bearings, thrust ball bearings were applied in internal mixer, vulcanizing machine, double screw extruder, tablet machine, masticator, mixing mill, multiple roll rolling mill,tyre equiptments ect. High-percision taper roller bearings with inch size becomes the industry perferred items.

Power Station Equipment Bearings

The company overall assorts high-life taper roller bearings with inch size, double row spherical roller bearings, single row cylindrical roller bearings, double row taper roller bearings for thermal power set coat mill part HP series bowl type medium speed coal mill, MPS series roller disc type coal mill, ZMG series roller type coal mill and so on main engines. The single row cylindrical roller with high-speed, low-noise and double row spherical roller bearings all assort the part of wind power change speed equipments.

Water Conservancy Bearings

WZWN research and develop lots of composite material joint bearing, more than 200 specifications ,from ID Φ40-Φ530mm, shock mitigation, space saving .so far ,we had supplied this kind of bearing to many domestic large water conservancy project.

Slewing Bearings

Slewing bearings can be divided into without gear, external gear and internal gear. The slewing has compact structure, convenience in rotating, mounting and maintaining. It is widely used heavy transportation machinery, metallurgical machinery, mining machinery, construction machinery, foodstuff making machinery, harbour machinery, automatic assembly lines, marine machinery and other slewers.

Products

Engineering Machinery Bearings

Super light type, high speed and high precision angular contact ball bearings replaces imported bearings in the application of big engineering machinery.

Non-standard Bearings

We design non-standard bearings to meet the client's special request ,which apply to special working conditions and make it easier to mount and demount .

WZWN

Global Marketing Network