



www.cncmi.com

核心价值观

客户：敬畏客户，创造价值
团队：团队第一，个人退后
品质：品质如命，只有一次
诚信：言出必行，行必有果
责任：对人负责，对己负责
市场：市场无情，不进则亡
规则：制度第一，领导第二



公司简介 Introduction

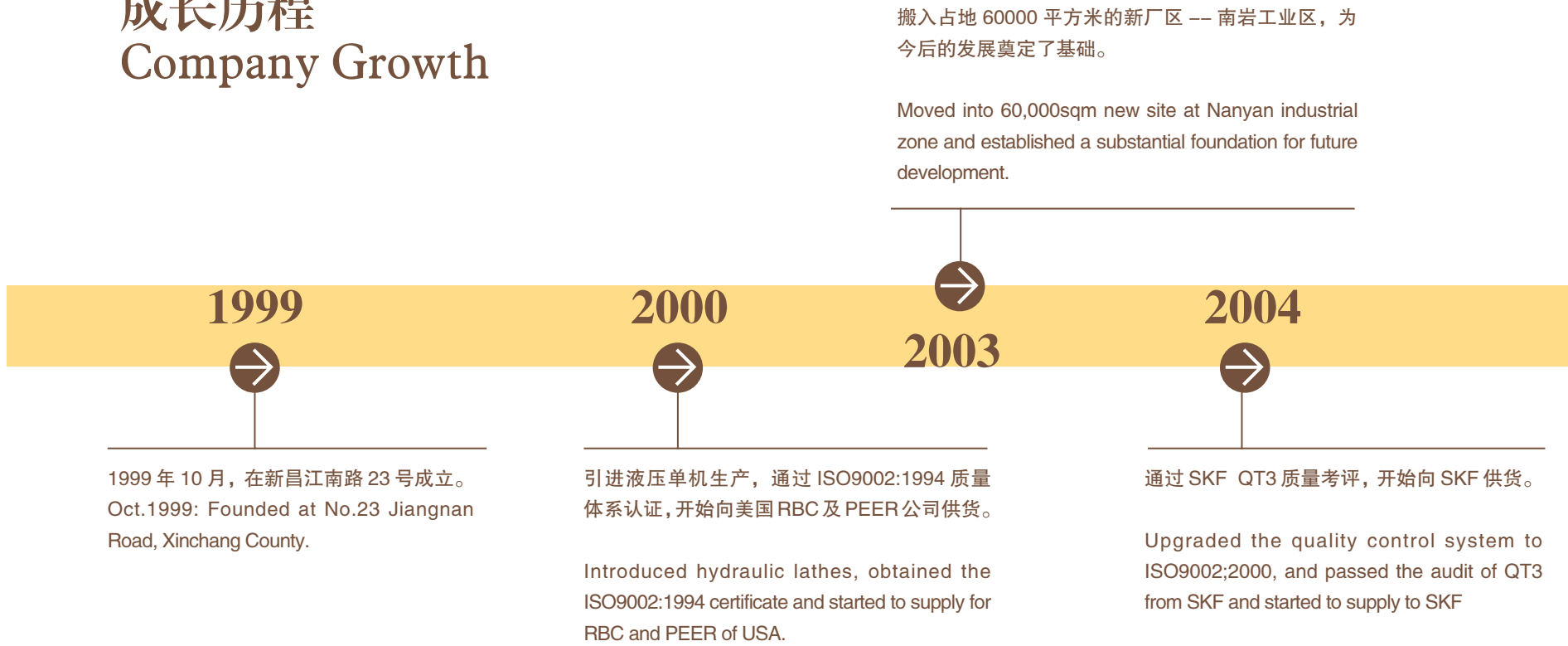


西密克轴承公司位于浙江省新昌县，主要向欧美 OEM 及遍布世界各地的轴承制造商提供高品质的轴承及其零配件，其中包括 SKF, TIMKEN 和 NSK 等轴承业界的领袖企业。

公司从锻造，车削，磨削到装配加工，均拥有一流的加工和检测设备，以 ISO/TS16949:2000 质量体系为保证，不断自主创新，以“永不停止的进行质量改进，以质取胜”为质量方针，服务于客户。

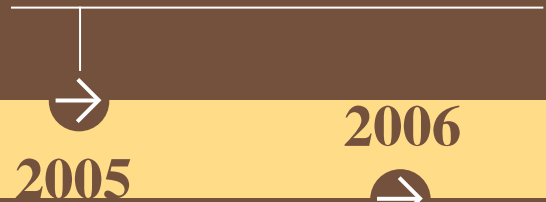
CMI is located in XinChang, ZheJiang Province of China. The main business of the company is to supply the high quality bearings and its components/accessories to the global bearing market including the customers such as SKF, TIMKEN and NSK etc. The company possesses the first-class machining and measuring equipments with the capacity covering forging, turning, grinding and assembly. The quality of the products is guaranteed by the ISO/TS16949:2000 quality control system. The company works initiatively/creatively and serves the customers with a “progressive quality improving” strategy.

成长历程 Company Growth



通过 TIMKEN 公司质量认证，为其工厂提供汽车转向控制系统配件。同时，向 NSK 昆山工厂供货。

Passed the audit of QCS from TIMKEN and started to supply the components for its steering system, at the same time, started to supply for NSK Kunshan factory.



2005

2006

启动高速锻造项目，引入首台日本坂村 Sakamura/HPF-80 型高速锻造机，年生产能力为 8000 吨。

Launched the high-speed forging project, the first Sakamura HPF-80 High Speed Upsetter is scheduled to start production, the annual capacity is 8,000 tons.

2009

1.8 万平方米的西密克科研大楼投入使用。通过菲亚特公司的首次考评，并开始供货。

CMI R&D building which covers 18,000sqm was put into use. Passed the first audit of Fiat and started to supply to FPT of Fiat.

引入第二台日本坂村 SakamuraHF-500-3M 高速锻造机。

Introduced the second Sakamura HF-500-3M High Speed Upsetter.



2011

2012

大型精密滚子轴承生产项目启动，总建筑面积 7573 平方米。

Launched the production project for big-sized precise roller bearings, which covers 7,573sqm.



日本坂村 Sakamura/HPF-50-3M 型高速墩锻机
Japanese Sakamura/HPF-50-3M High-speed Upsetter

生产设备 Equipments



①

②



③

④



奥地利 AICHELIN 气体保护推盘式退火炉

① Austrian AICHELIN Shielded Pusher-tray Annealing Furnace

热锻生产线

② Vertical Hot Forge Line

日本坂村 Sakamara/HPF-80 型高速墩锻机

③ Japanese Sakamara/HPF-80 High-speed Upsetter

GCIT 热处理生产线

④ GCIT Heat Treatment Line

生产设备 Equipments



立式数控磨床
Vertical CNC Turning & Grinding Center

大型清洗机
Washing Line



磨加工连线
Grinding Lines



大型磨床
Grinding Machine



车加工连线
Turning Lines

检测仪器 Instruments



ARL3460 直读光谱仪
ARL3460 Metals Analyzer



LECO 氧氮分析仪
LECO TCH600

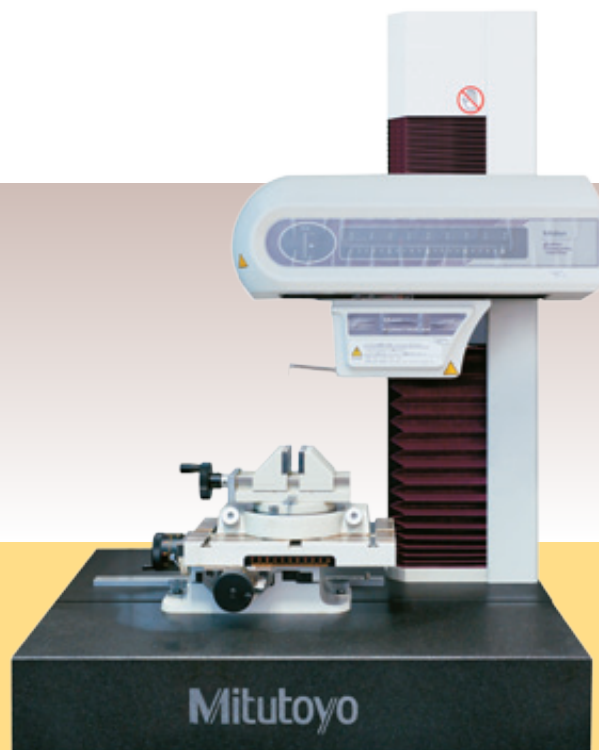


S-3400N 扫描电镜
S-3400N Scanning Electron Microscope

蔡司金相显微镜
ZEISS Microscope



检测仪器 Instruments



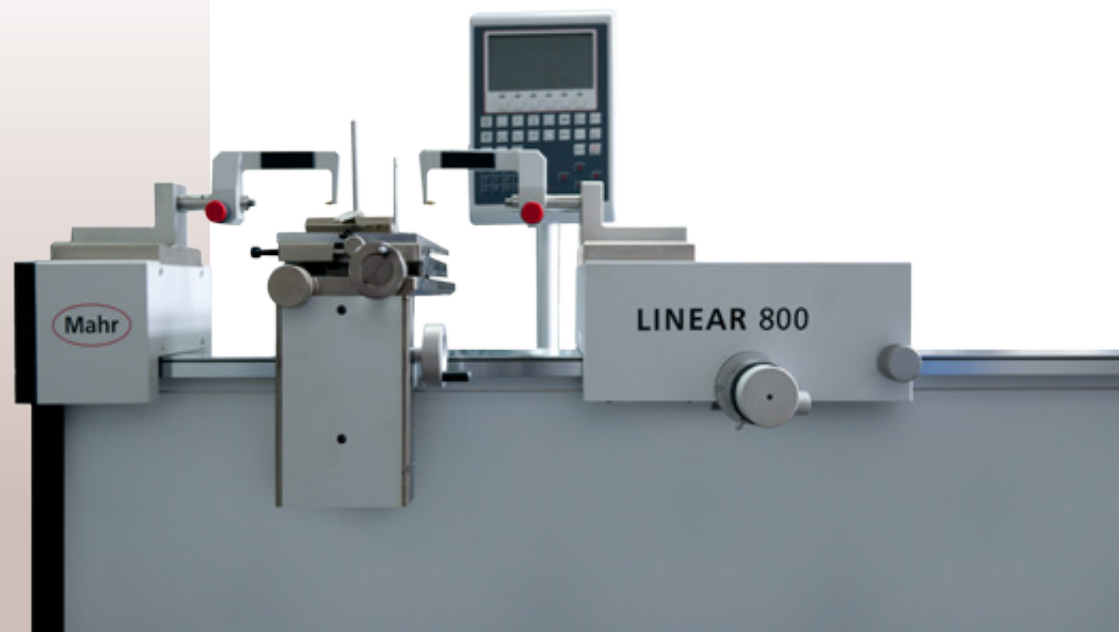
Mitutoyo 轮廓 / 粗糙度仪
Mitutoyo Profile/roughness Meter



Mitutoyo 圆度仪
Mitutoyo Roundness Meter



Mitutoyo 投影仪
Mitutoyo Project



Mahr Linear 800 长度仪
Mahr Linear 800 Length

我们做什么?
WHAT WE DO!

车削
Turning



热处理
Heat Treatment



磨削
Grinding



装配
Assembly



退火
Annealing



锻造
Forge







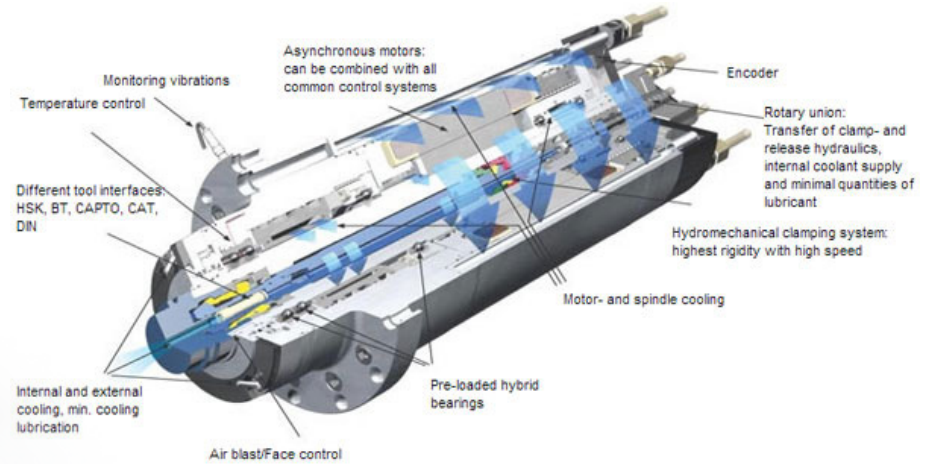
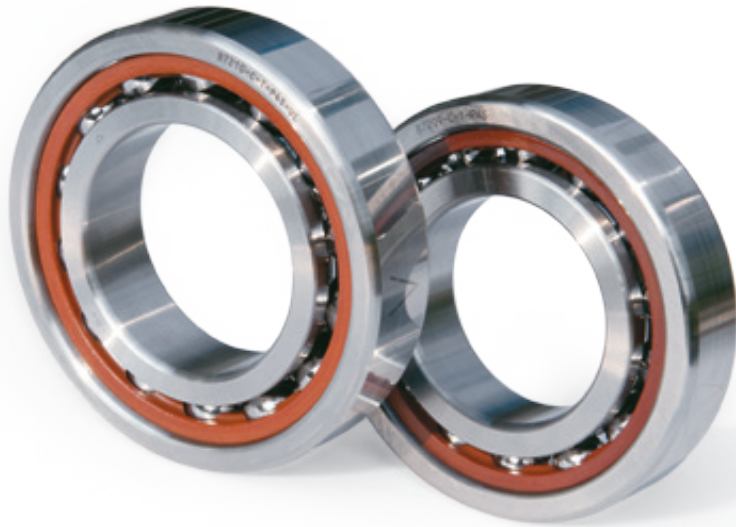
深沟球轴承 / 英制、公制

Precision Radial Ball Bearings

Metric&Inch Series

深沟球轴承是使用范围最广的一种轴承，通过精确的球体选择和精密的滚道加工能使轴承在径向、轴向或联合载荷下运转平稳，达到最佳性能。根据用户要求，可提供开式轴承，带防尘盖、密封圈或止动环多种变形轴承。

Single-row radial ball bearings are the most widely used type of rolling element bearings. Our radials combine precision-honed raceways with perfectly matched balls and balanced retainers of quiet, long-life performance under straight, radial, thrust, or combining loads. This series is available with metal shields and seals made of nitril, polyacrylic or vition materials. Construction with various lip designs can vary as dictated by application.



角接触球轴承 Angular Contact Ball Bearings

角接触球轴承能承受径向 – 轴向联合负荷或纯轴向负荷。承载能力大于同外形尺寸的深沟球轴承。运转阻力小，极限转速高。可以达到较高的旋转精度和相当低的振动水平。轴承承受载荷的能力由接触角决定，接触角越大承受载荷的能力也越大。其公称接触角分为 15°、25°、40°（也可根据用户需要生产 30°、60° 或其它接触角的）。

Designed for radial-axial combined load or pure thrust load, the load capacities are higher than deep groove ball bearings of same dimensions. Operating friction is low and limit of rotation speed is high. In this case, the bearing is of higher rotation accuracy and low vibration level. The capacity of axial load depends upon the contact angle. The larger the contact angle is, the higher the capacity of axial load will be. This type of bearing has 15° ,25° ,40° normal contact angle (30° ,60° or other contact angle can also be supplied upon customer's request).

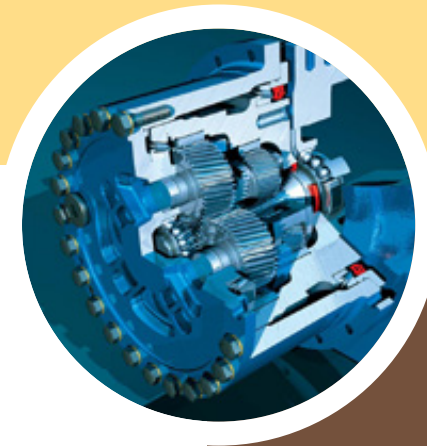




圆锥滚子轴承 Taper Roller Bearings

圆锥滚子轴承主要用以承受径向载荷为主的径向与轴向联合载荷。该类轴承由一个外套、一个内套（带全组滚子和保持架）组成，外圈可分离，在安装和使用过程中可以调节轴向游隙与径向游隙，也可以预过盈安装，其使用面广，现广泛用于汽车前轮、机床主轴、重型机械等各种领域。

Taper roller bearings are generally used to support combined load mainly consisting of radial load. Such bearing consists of a cone, a cup (with a cage full of rollers). During assembly and installation, radial clearance and axial clearance can be adjusted and preload mounting can be made. Applications include automotive front wheel bearings, machine spindles and trailer wheels.



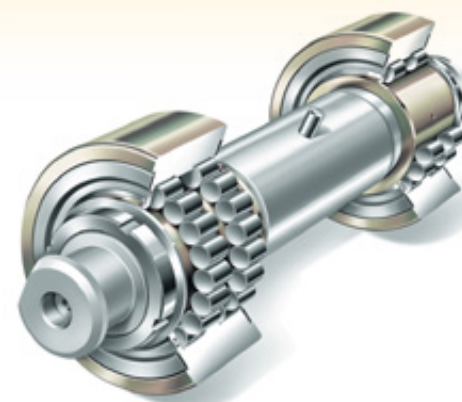
圆柱滚子轴承

圆柱滚子与滚道为线接触轴承，负荷能力大，主要承受径向负荷。滚动体与套圈挡边摩擦小，适于高速旋转。根据套圈有无挡边，可以分有 NU、NJ、NUP、N、NF 等单列轴承，及 NNU、NN 等双列轴承。该轴承是内圈、外圈可分离的结构。内圈或外圈无挡边的圆柱滚子轴承，其内圈和外圈可以向轴向作相对移动，所以可以作为自由端轴承使用。在内圈和外圈的某一侧有双挡边，另一侧的套圈有单个挡边的圆柱滚子轴承，可以承受一定程度的一个方向轴向负荷。一般使用钢板冲压保持架，或铜合金车制保持架。但也有一部分使用聚酰胺成形保持架。



Cylindrical Roller Bearings

Cylindrical roller and raceway are the line contact bearings with great load capacity, mainly bear radial load. There is small friction between rolling element and the shoulder of rings, so it is suitable for high speed rotation. According to whether the rings has rib or not, it can be divided into NU、NJ、NUP、N、NF single row bearings etc. And NNU, NN double-row bearings etc. The bearing structure is that the inner ring and outer ring can be separated. For the cylindrical roller bearings with inner ring or outer ring without rib, its inner ring and outer ring can do relative movement in axial direction, so it can be used as free end bearing. For the cylindrical roller bearings which on one side of inner ring and outer ring with double ribs, on the other side of ring with single rib, it can be withstand certain degree and one direction axial load. The bearings generally use steel stamping cage or copper alloy cage, but some of use polyamide shaped cage.





球面滚子轴承 Spherical Roller Bearings

球面滚子轴承是在有二条滚道的内圈和滚道为球面的外圈之间，组装着鼓形滚子的轴承。球面滚子轴承具有两列滚子，主要承受径向方向，同时也能承受任一方向的轴向载荷。有高的径向载荷能力，特别适用于重载或振动载荷下工作，但不能承受纯轴向载荷。该类轴承外圈滚道是球面形，故其调心性能良好，能补偿同轴度误差。

Symmetrical spherical roller bearing is a kind of bearing with double raceways of inner ring and spherical raceway of outer ring, and the barrel shaped rollers was assembled between them. Spherical roller bearing has double-row rollers, that mainly take the radial load, it also can take the axial load at the same time. This kind of bearing is specially suitable to work in the heavy load and shaking load condition for the radial load capacity. But it can not take the pure axial load. The bearing has better symmetrical capacity, that can compensate the error of coaxiality for the spherical raceway.

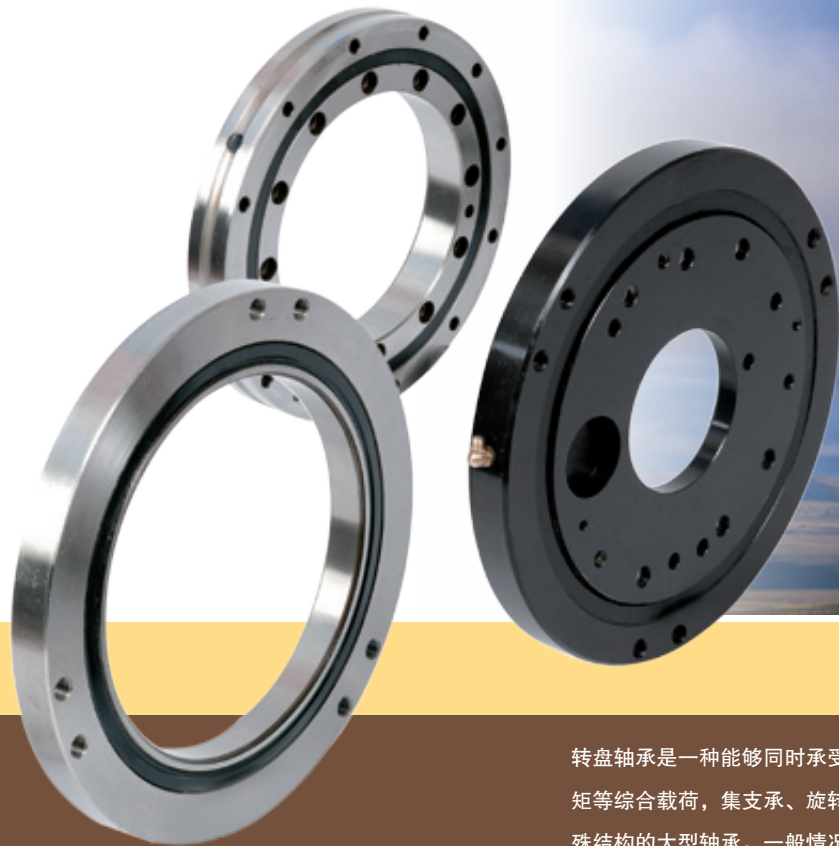




工程机械专用轴承 Forklift & Mast Guide Bearings

我们专业生产链轮，侧向滚轮、复合滚轮等导轨、叉车专用轴承，包括单列、双列球轴承，单列、双列滚子轴承以及满球结构、满滚子结构轴承等。这些专用轴承具有载荷大、结构紧凑等特点。

We are specialized in producing mast guide bearings, forklift mast bearings include chain guide bearings, side roller bearings and compound idler bearings. There are single & double row ball bearings, single & double row cylindrical roller bearings, and full-complement ball & cylindrical roller bearings. The specialized bearings have the performance of large load rating and compactness.



转盘轴承 Slewing Bearing

转盘轴承是一种能够同时承受较大的轴向负荷、径向负荷和倾覆力矩等综合载荷，集支承、旋转、传动、固定等多种功能于一身的特殊结构的大型轴承。一般情况下，转盘轴承自身均带有安装孔、润滑油和密封装置，可以满足各种不同工况条件下工作的各类主机的不同需求；另一方面，转盘轴承本身具有结构紧凑、引导旋转方便、安装简便和维护容易等特点，被广泛用于起重运输机械、采掘机、建筑工程机械、港口机械、风力发电、医疗设备、雷达和导弹发射架等大型回转装置上。

Slewing bearings can take thrust load, moment load and radial load. Our slewing bearing can be divided into three types: ball type, roller type and ball-roller type. In structure, the bearing can be single-row, double row or triple-row. Type of structure, there are single-row, double-rows and three-rows. In power transmission, the bearing can be with gear teeth (on outer ring or inner ring) and without gear teeth. In dust and grease proof, they can be with seals or without seals. In mounting convenience, they can be with flange or bolt bores or without. Our slew bearing OD is from 300mm to 5,000mm.



我们的客户
Our Customers



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