



Luoyang LYDZ Bearing Co., Ltd

Luoyang LYDZ Bearing Co., Ltd



Company Profile www.lydzbearing.com

Luoyang East Bearing Co., Ltd. specifically produces pre-loaded cross-rolling bearing and turntable bearings. The production process adopts the grinding process and the host supporting design scheme. Ensure that the bearing reaches high precision level and service life within the range of service life.

Since its establishment in 2012, special bearing and precision rolling rollers with special bearing and precision rolling rollers have been designed and manufactured since its establishment in 2012. The structure includes: RU series, RB series, RA series, RE series, CRBH series, SX series; precision turntable bearing structures include: structure series include toothless Lydz00 series, Lydz11 series, LYDZ020 series; Series, outer teeth LYDZ01 series, lydz11 series, LYDZ021 series; YRT to the bearing YRT series, YRTS series, YRTM series. Suitable for all mechanical transmission industries. The precision cross-rolling bearing we produce, forgedings use bearing steel GCR15; GCR15SIMN has been quenched, recovered, and the hardness of the annealing treatment reaches HRC56-62, the mechanical performance is stable, and the service life is more than 10 years. The east bearing provides special requirements for stainless steel, hard aluminum non-calibrating bearing. 60% of the precision cross-roller bearing exports to 65 countries; since the company was established in 2012, we produced more than 800,000 sets of precision cross-rolling bearing and precision turntable bearings;

The manufacturing equipment and perfect after-sales service team owned by the east bearing, high-precision plane grinding machine, high precision outer round grinding bed, high-precision internal round grinding beds ensure the accuracy of production products; And analysis. The LYDZC engineering and design departments use new computing software and finite element analysis to provide you with innovative and customized solutions that meet harsh specifications. Various standard roller rotor bearing and roller cross-rolling bearings are also constantly inventory, which meets your emergency needs at any time.



Development of the market

1. Precision CNC Machinery Industry

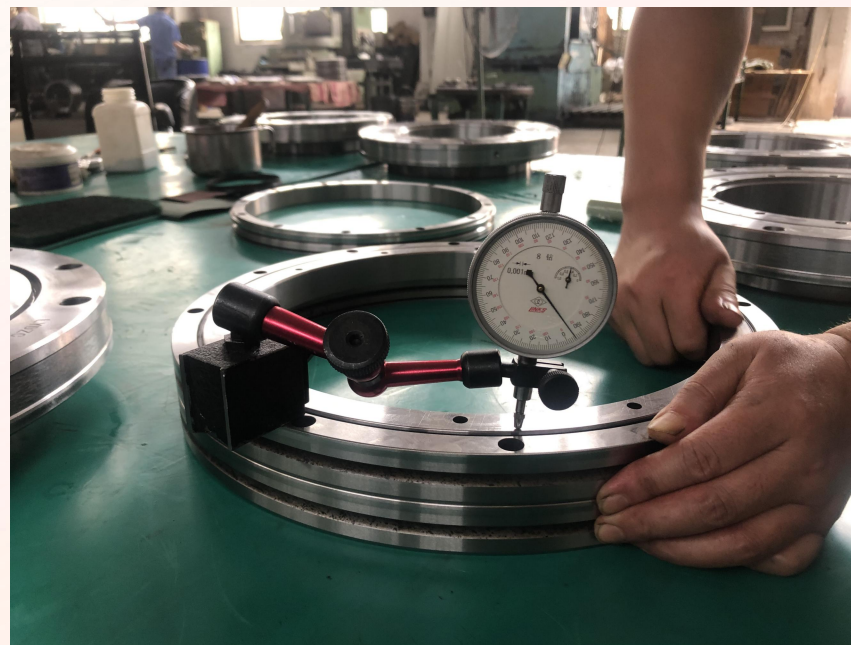
Precision CNC machine tools, CNC grinding machine high-precision rotation parts --- rotating transfer table, industrial robot, precision instrument, CNC machine tool spindle, YRT rotor bearing is applied to the main axis screw. Cooperate with customers large machine tool manufacturers and military -civilian enterprises.

2. Industrial automation

Robotic joints, robot bases, and the precision bearings of the central control rotation platform harmonious reduction machine and straight drive motor can fully replace foreign import bearings.

Luoyang East Bearing Precision Precision Bearing is mainly suitable for precision rotation, industrial robots, precision instruments, and CNC machine tools. The YRT bearing is applied to high precision parts such as the spindle screw.

Luoyang's east axis has invested a lot of manpower and material resources for a total of more than 30 million yuan. Perform the research and development of precision bearing and upgrade of equipment, newly purchased CNC grinding machines, processing centers, and high precision plane grinds. In addition, we will increase the post training of core personnel, and we have close cooperation with large foreign bearing manufacturing companies to carry out complementary advantages to jointly improve employees' operating technical level. We have made great progress in research and development of precision cross -rolling shafts and YRT turntable bearing, and we account for 60%of the market in 2019.





SX series cross cylindrical roller bearings

Product characteristics: Its structure is similar to the RB series. The outer ring is a two - divided structure. Three fixed ring connections are designed in the inner ring, which is suitable for requiring parts with high rotation accuracy in the inner ring.



XSU series precision cross roller bearing

Product features: The XSU series of precision cross -roller bearing is made of bearing steel material, which has high hardness, especially meets high loads and high speed occasions.



RU series cross cylindrical roller bearings

Product characteristics: The RU series cross -cylindrical roller bearings do not require fixed flange and support seats because they have been installed. This series of bearing has good rotation flexibility and stiffness, which greatly saves material costs.



Re -series thin -walled cross roller bearings

Product characteristics: This series of bearing has a pre - load, the accuracy can reach P4 and P2 levels. It can withstand axial loads, radial loads, and overturned loads.



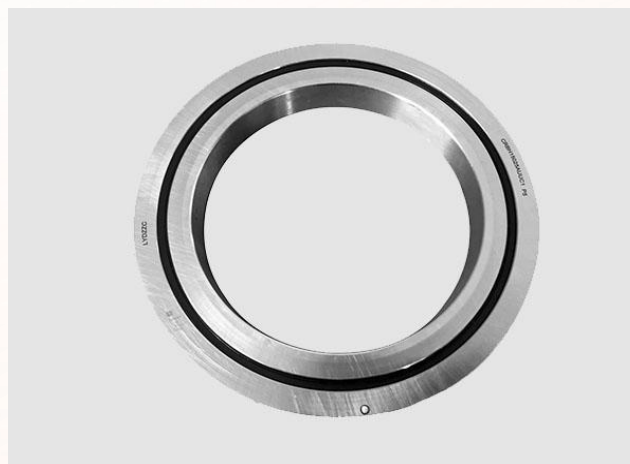
RB series cross roller bearings

Product characteristics: high accuracy, long life, large loading, Small volume, good material, high hardness.



RA series thin wall cross-precision bearing

Product characteristics: outer ring is divided, and the inner ring is integrated design. Bringing a full -fits roller bearings, suitable for internal circulation
High -concentration parts.



CRBH series cross roller precision bearing

Product characteristics: high precision, high rigidity, high bearing, small volume



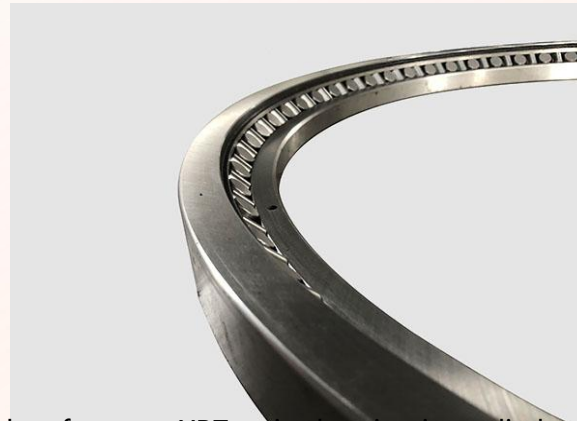
XU series precision cross roller bearings

Product characteristics: high precision, high rigidity, High load, small volume.



XU series precision cross roller bearings

Product features: high precision, high rigidity, high load, small volume.



XRT series cross cone roller bearings

Product features: XRT series bearing is applied to high -speed machine tool application, Such as stand -up bed and vertical grinding machine. Especially suitable for many spaces
Limited, rotating accuracy requires higher equipment.



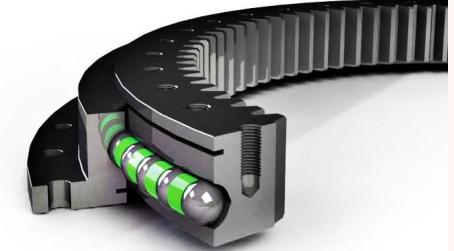
Outer tooth -type four -point contact ball turntable bearing

Product features: It can withstand a quarter of the radial load that can be used as axial load.



Toothless four -point contact with the ball turntable bearing

Product characteristics: high speed
speed, suitable for suitable
Those at high speeds



Inner tooth -type four -point contact ball turntable bearing

Product characteristics: separation bearings,
can be affordable
Radial load, two -way axial load.



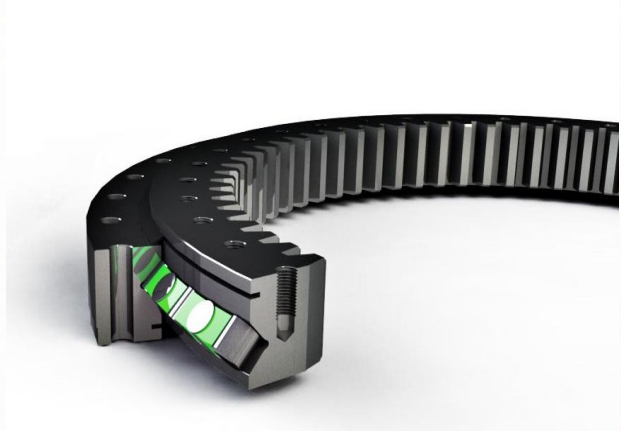
Toothless cross -roller turntable bearing

Product features: Can withstand radial and axial loads
at the same time, Therefore, you can simplify the equipment
structure and reduce the weight of the mechanism.



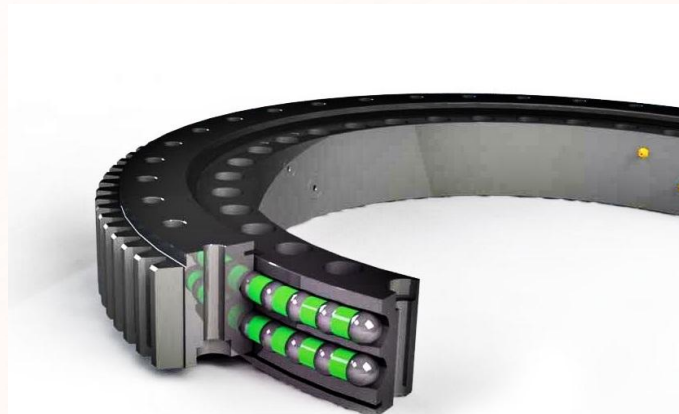
Outer tooth -type cross -roller turntable bearing

Product characteristics: compact structure, light weight,
The manufacturing accuracy is high, and the assembly is small.



Inner tooth -type cross -roller turntable bearing

Product characteristics: small size, high accuracy level, High rigidity, large load load, resistance to damage.



Toothless eight -point contact ball turntable bearing

Product characteristics: compact structure, guidance rotation Convenient, easy to install, and easy maintenance.



Eight -point contact of the ball turntable bearing

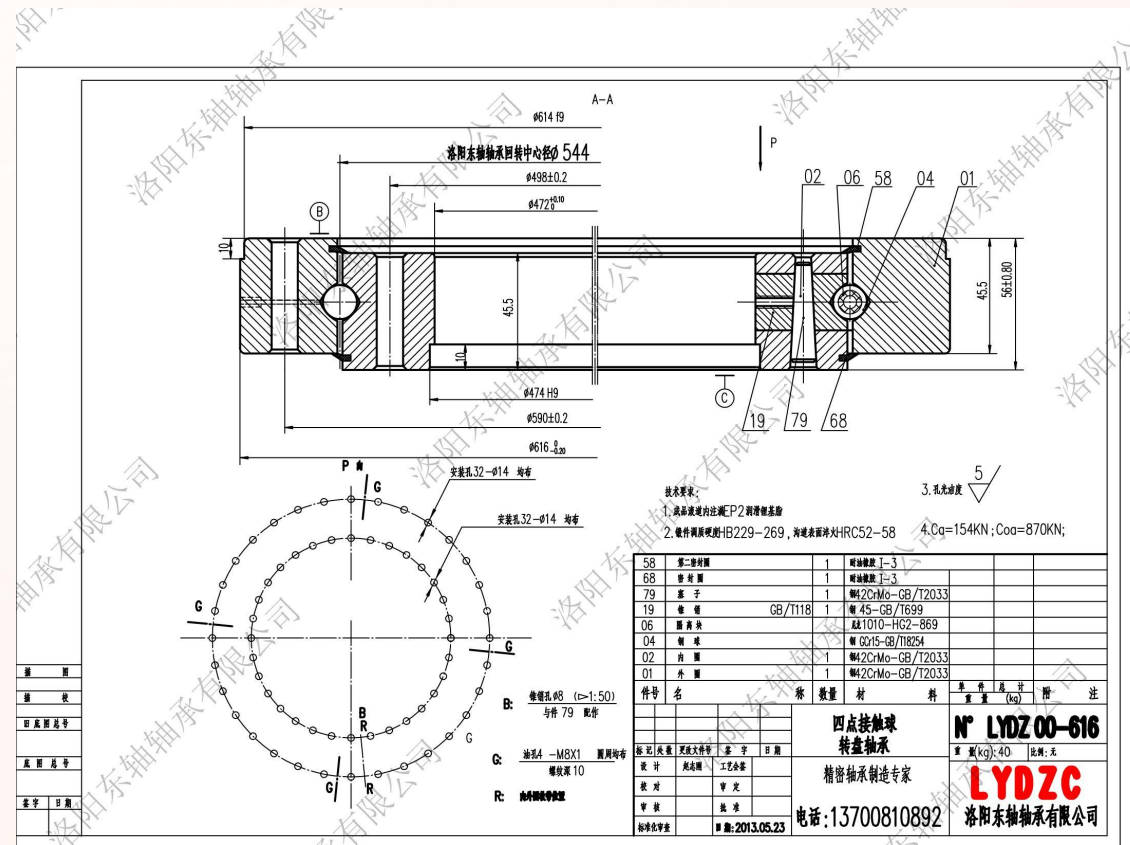
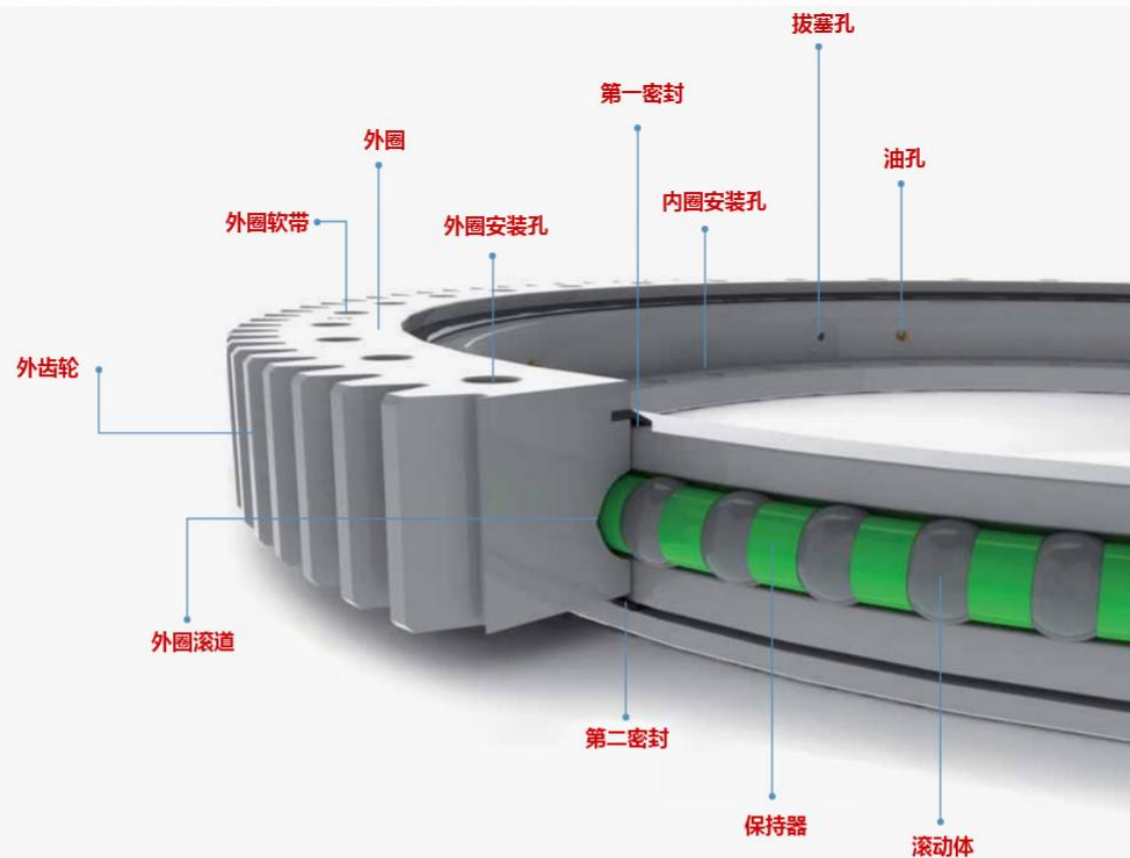
Product characteristics: can withstand radial load, two -way two -way Axial load, high speed, and large carrying capacity.



Outer tooth -eight -point contact ball turntable bearing

Product features: high speed, operation Stable and wide application scope.

www.lydzbearing.com



Three rows of combined YRT rotary table bearings www.lydzbearing.com



YRT rotary table bearings

Product features: This series of bearings are with preload, precision. It can reach P4 and P2 levels, and can withstand axial load and radial direction loads, overturning loads.



YRTS rotary table bearings

Product features: suitable for axial bearing slewing mechanism, YRTS turntable. Bearings are mainly used in CNC machine tool manufacturing.



YRTM with angle measuring system rotary table bearings

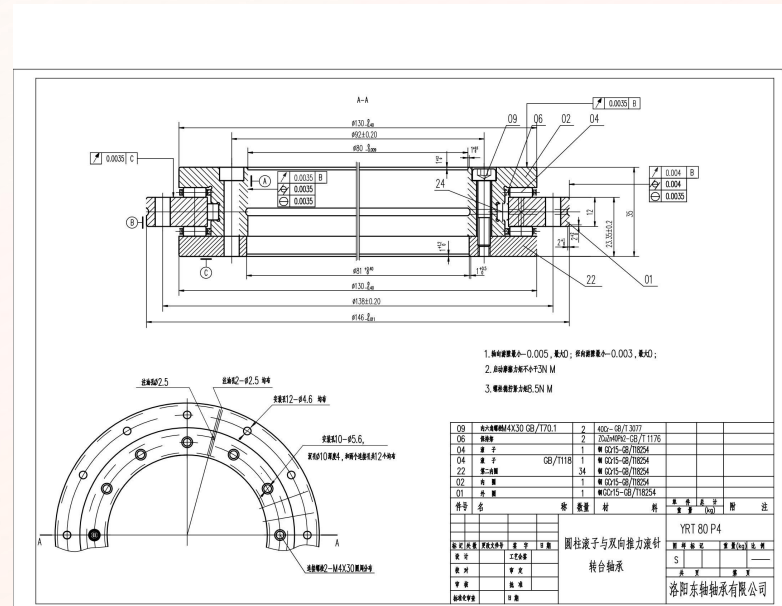
Features: high speed, high dynamic performance, high resolution, simple installation, Fast adjustment, particularly high shock and vibration resistance, good stability and high reliability.

YRT rotary table bearing details www.lydzbearing.com

YRT rotary table bearings consist of a thrust/radial seat ring, a thrust/radial shaft ring, a thrust washer, two needle roller cage assemblies and a set of radial cylindrical rollers. The housing and shaft rings have evenly distributed mounting screw holes. The bearings have high axial and radial load carrying capacity. High inclination stiffness and extreme precision. Suitable for bearing arrangements in rotary tables, chucks and milling heads as well as in measurements and experiments. This type of bearing also has high requirements for the matching equipment parts. The torsion torque of the mounting screw needs to be controlled during installation.

LYDZC Luoyang East Axis YRT rotary table bearing characteristics

1. High precision: the accuracy can reach P4 and P2 levels;
2. High rigidity: this series of bearings are preloaded;
3. High load: can withstand axial load, radial load and overturning load.
4. High speed: YRTS series bearings can be applied to work occasions with high speed.



LYDZ

Non-standard precision bearing customization www.lydzbearing.com

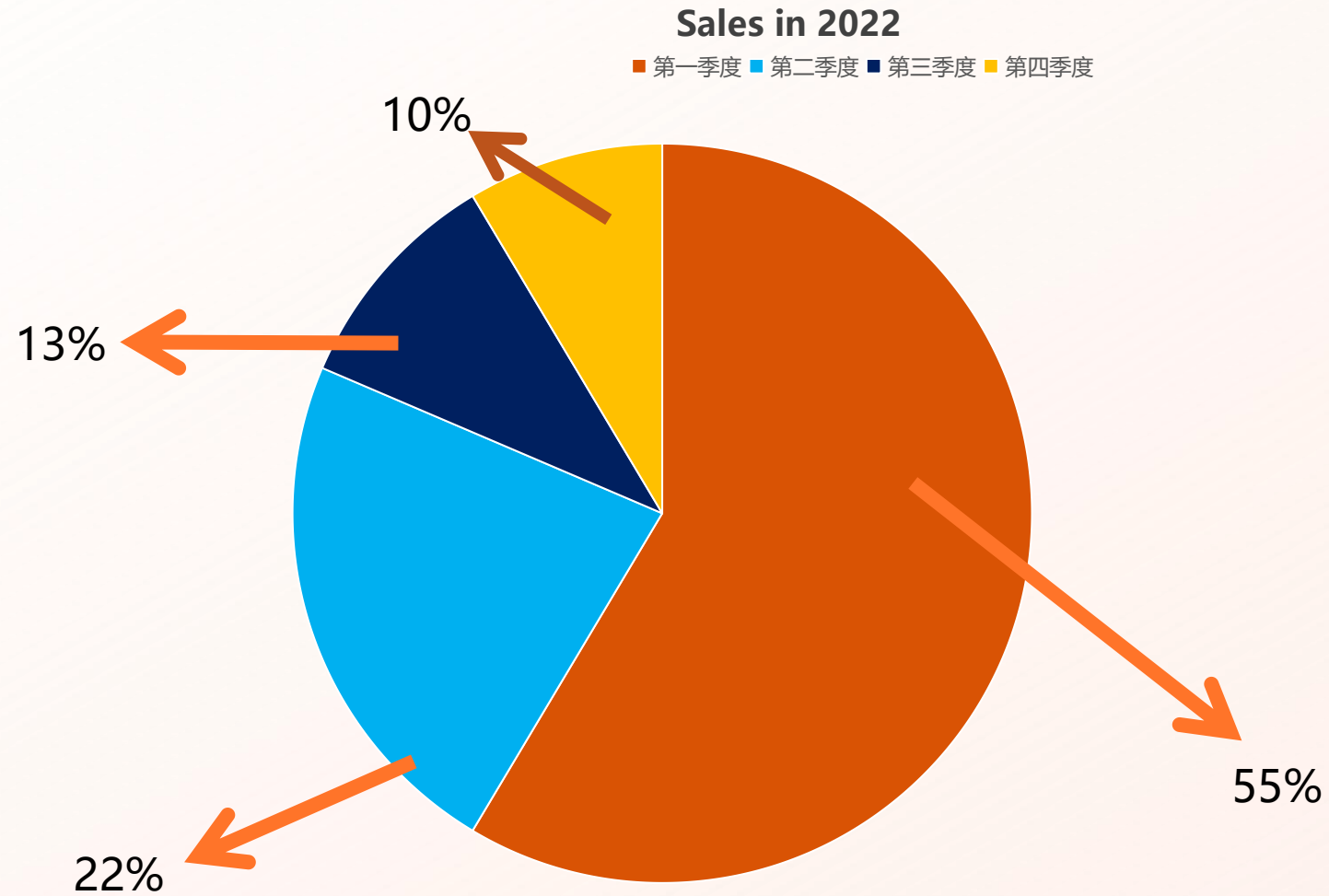


Stainless steel non-standard precision bearing customization

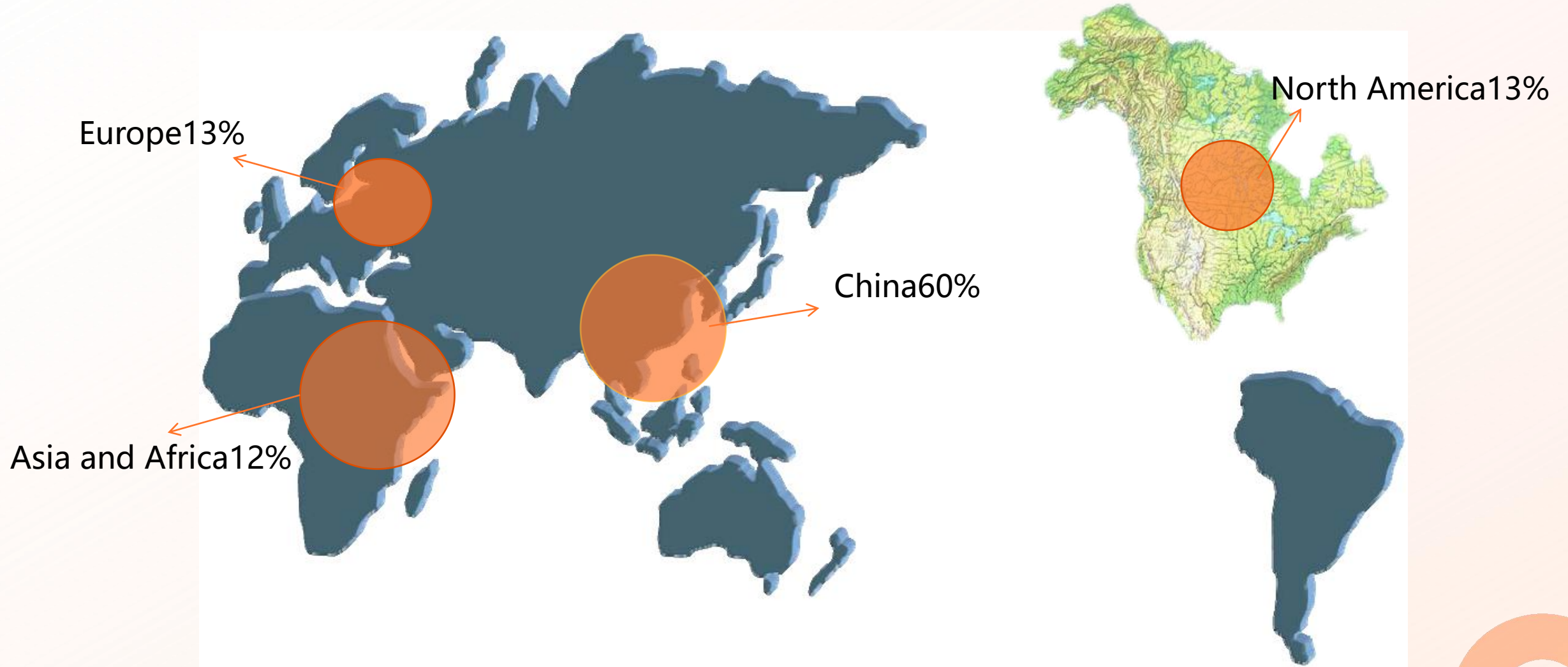


Stainless steel non-standard precision bearing customization

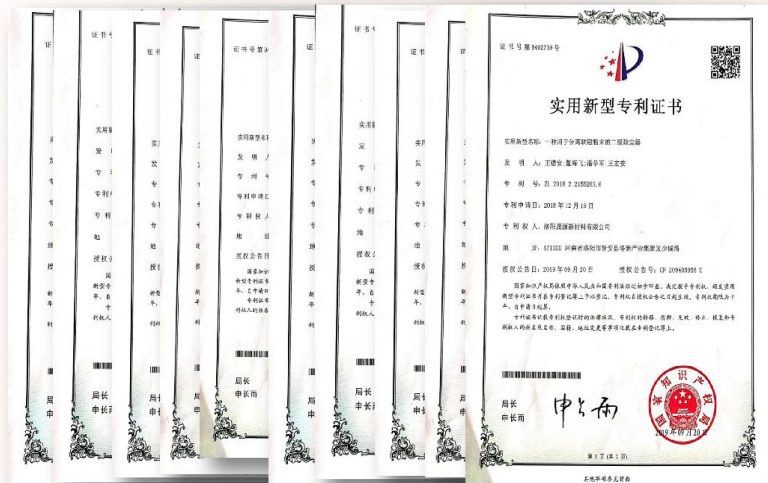
Product features: Luoyang East Shaft Bearing Co., Ltd. is a non-standard precision bearing custom manufacturer, can customize a variety of types of precision bearings for your non-standard, welcome to inquire.



Regional distribution of products www.lydzbearing.com







THANK YOU



东轴轴承
GROUP BEARING FACTORY

LYDZ