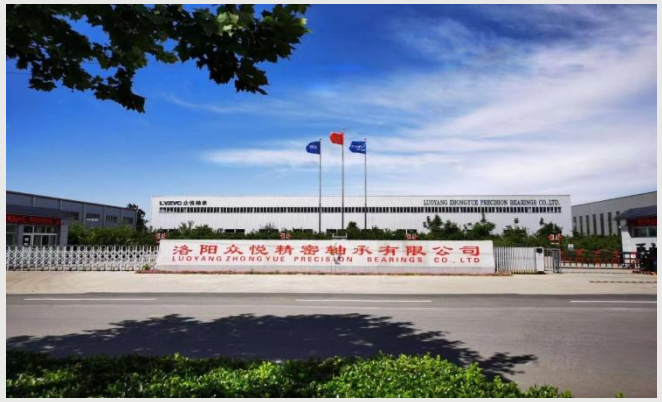
Luoyang Zhongyue Precision Bearing Co., Ltd.











- Luoyang Zhongyue Precision Bearing Co., Ltd. operates two production campuses with a total area of over 46,000 m², including 30,000+ m² of workshops and offices.
- The company has 150+ employees, including 100+ skilled workers and 20+ engineering professionals.
- It owns 400+ bearing-specific machines and 500+ inspection instruments.
- Products: bore from 3 mm to 620 mm OD, precision grades P4 and P2, over 1,000 specifications.
- Widely used in aerospace, machine tools, steel, photovoltaics, electronics and other industries.

Overview

Luoyang Zhongyue Precision Bearing Co., Ltd. is:

★ **A leading Chinese producer of ultra-precision, ultra-high-speed bearings**

★ **Council member of China Bearing Industry Association**

★ **Vice-chairman of Luoyang Bearing Association**

★ **Henan Precision Bearing Nano-coating Engineering Research Center**

★ **Luoyang High-speed Bearing R&D Center**

The company has received:

★ **Outstanding Partner of CASC 510 Institute**

★ **Outstanding Partner of Inst. of Eng. Thermophysics, CAS**

★ **Excellent Supplier of the Machine-Tool Industry**

★ **National Sci-Tech SME**

★ **Henan "Specialized, Refined & Innovative" SME**

★ **National High-Tech Enterprise**







Quality Management System Certificates



CERTIFICATE OF REGISTRATION

凯新认证（北京）有限公司

质量管理体系认证证书

注册号：626022Q19684R4

兹证明

洛阳众悦精密轴承有限公司

统一社会信用代码：91410327750726695P

地址：河南省洛阳市宜阳县产业集聚区

管理体系符合

GB/T19001-2016/ISO9001:2015 标准

认证覆盖范围

轴承的生产

换证日期：2022年06月07日

证书有效期至：2025年06月08日

初次颁证日：2010年06月23日

注：获证组织必须定期接受监督审核并经审核合格此证书方继续有效。自2023-06-08日起，本证书需与《保持认证注册资格通知书》一并使用。

ISO9001 KCB Certification

ANAB ACCREDITED MANAGEMENT SYSTEMS CERTIFICATION BODY

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT



北京天一正认证中心有限公司

（本中心位于北京市西城区北礼士路98号、甲98号1幢五层506室）

武器装备质量管理体系认证证书

注册号：02622J31453R0M

统一社会信用代码：9141032775072669 5P

兹证明

洛阳众悦精密轴承有限公司

注册地址：河南省洛阳市宜阳县产业集聚区

审核地址：河南省洛阳市宜阳县香鹿山镇宜阳县轴承产业区朝阳路7号

质量管理体系符合

GJB 9001C-2017 标准

质量管理体系认证所覆盖的范围

滚动轴承（最大外径 620mm，最小内径 8mm）的生产。（不适用条款 8.3(8.3.7除外)）

总经理：

证书生效日期：2022年08月25日

证书有效期至：2025年08月24日

CASC 中国航天

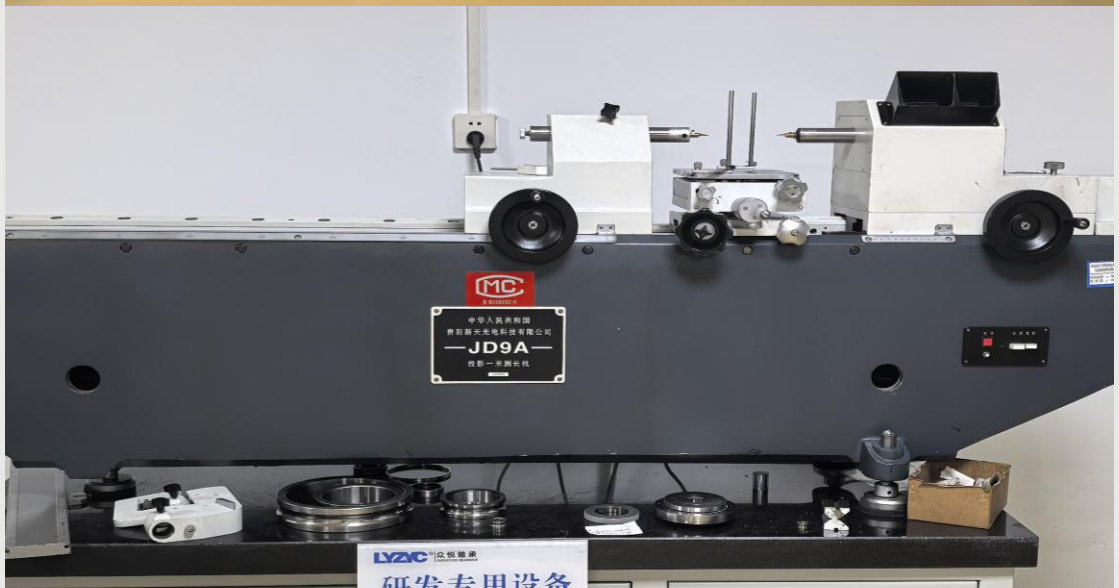
LYZYC®

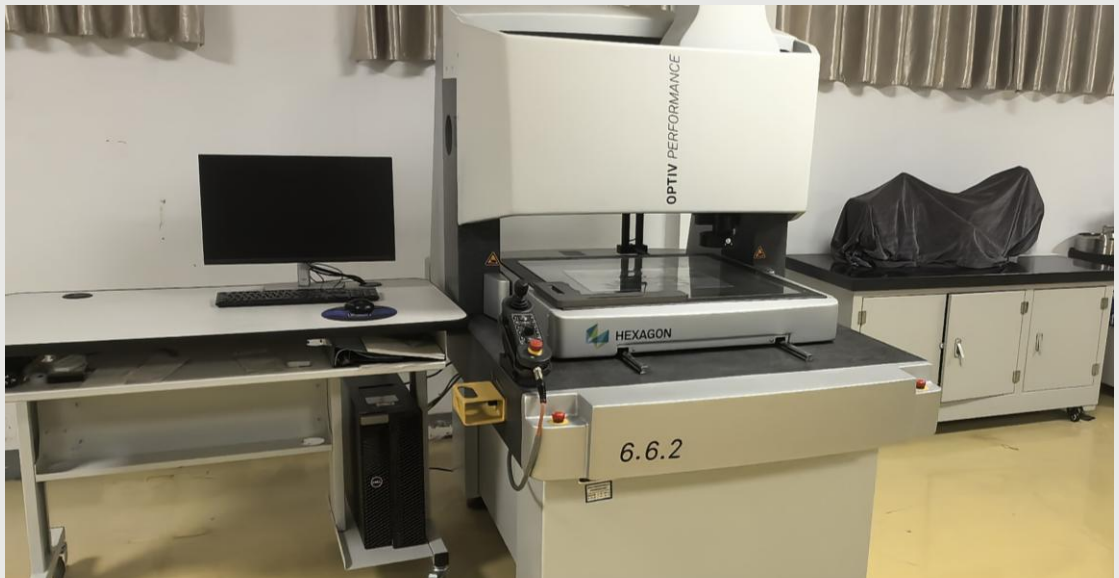
Equipment

Metrology



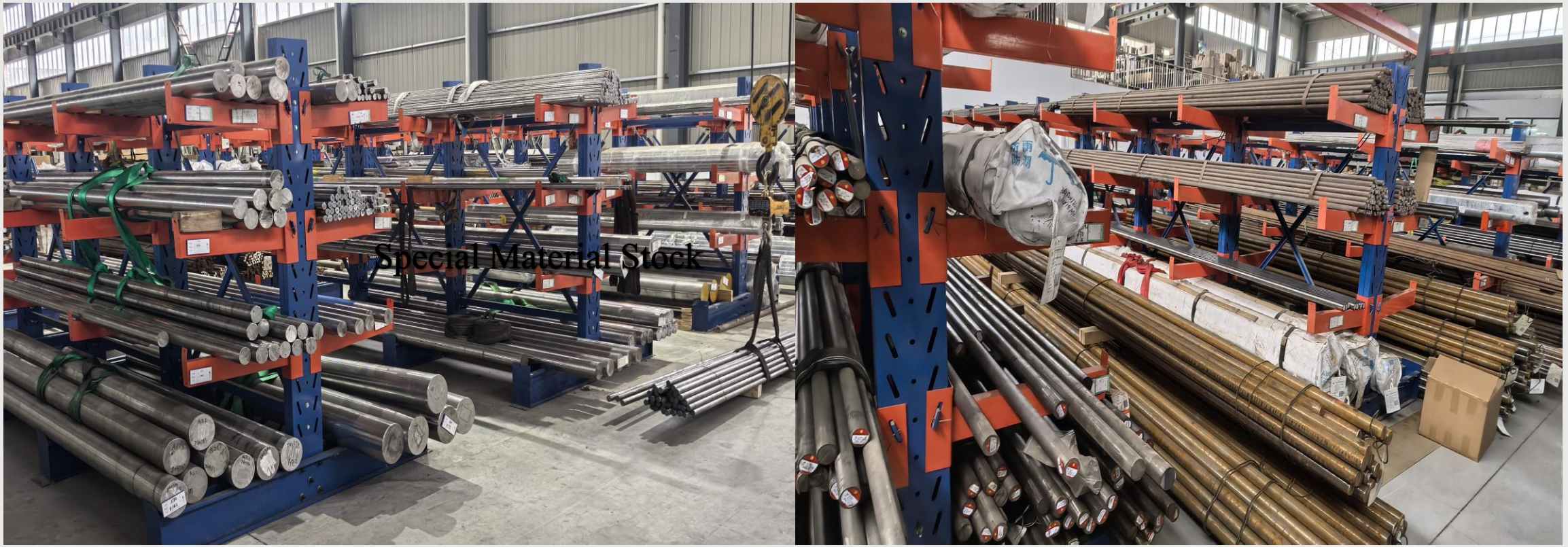






LYZYC®

Materials



Large long-term stock: military bearing steel ZGCr15; stainless steels 9Cr18, 9Cr18Mo; high-nitrogen stainless steels X30, X40N; high-temperature bearing steel M50, etc.
Product quality is ensured at the very source.

LYZYC®

Equipment

Modification

**Capabilities: material double-refining; salt-bath quenching under protective atmosphere; vacuum quenching; -196°C cryogenic treatment;
glow-discharge ion nitriding; combined nitriding-quenching; carbonitriding; normalizing, annealing, tempering, etc.**



Material double-refining



Normalizing, annealing, tempering



Multi-function furnace



Cryogenic treatment



Vacuum furnace quenching



Roller-hearth quenching line



Metallographic & hardness inspection

LYZYC®

Equipment

Machining



Auto grinding line for large P4/P2 bearings



Grinding line for micro/small special materials



Auto grinding line for medium/small P4/P2 bearings



Medium/large special-material grinding line



Small/medium special-material grinding line



Cage machining

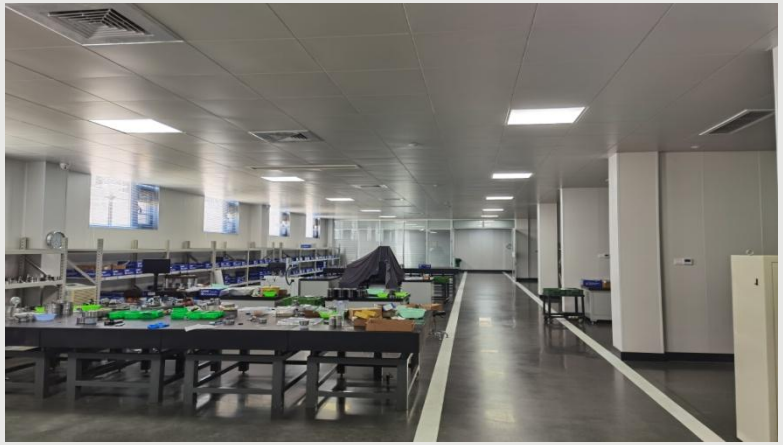


Special cage machining

LYZYC®

Equipment

Assembly & Inspection



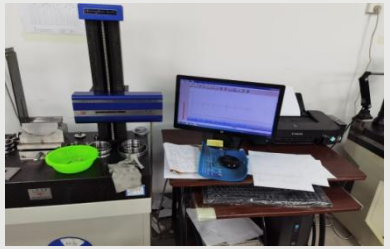
Assembly & test shop



Class-10k cleanroom



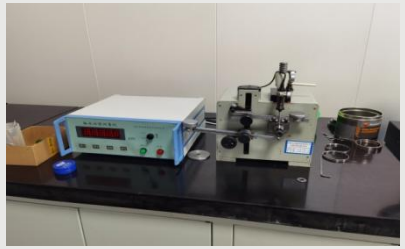
Protrusion matching grind



Profile/roughness tester



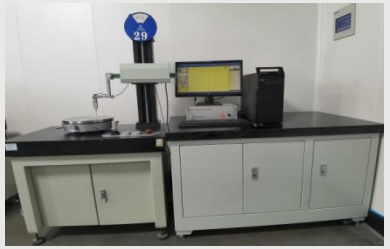
Protrusion tester



Clearance tester



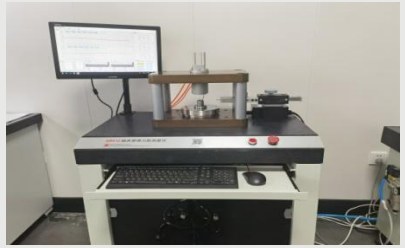
Parts washing line



Roundness tester



Contact angle tester



Friction torque tester

LYZYC®

Equipment

Testing



1000° C thermal expansion tester



Bearing life test rig



Bearing running-in rig



-196° C thermal expansion tester



Ball crush load tester



Spectrometer

Equipment

Sputtering Coating

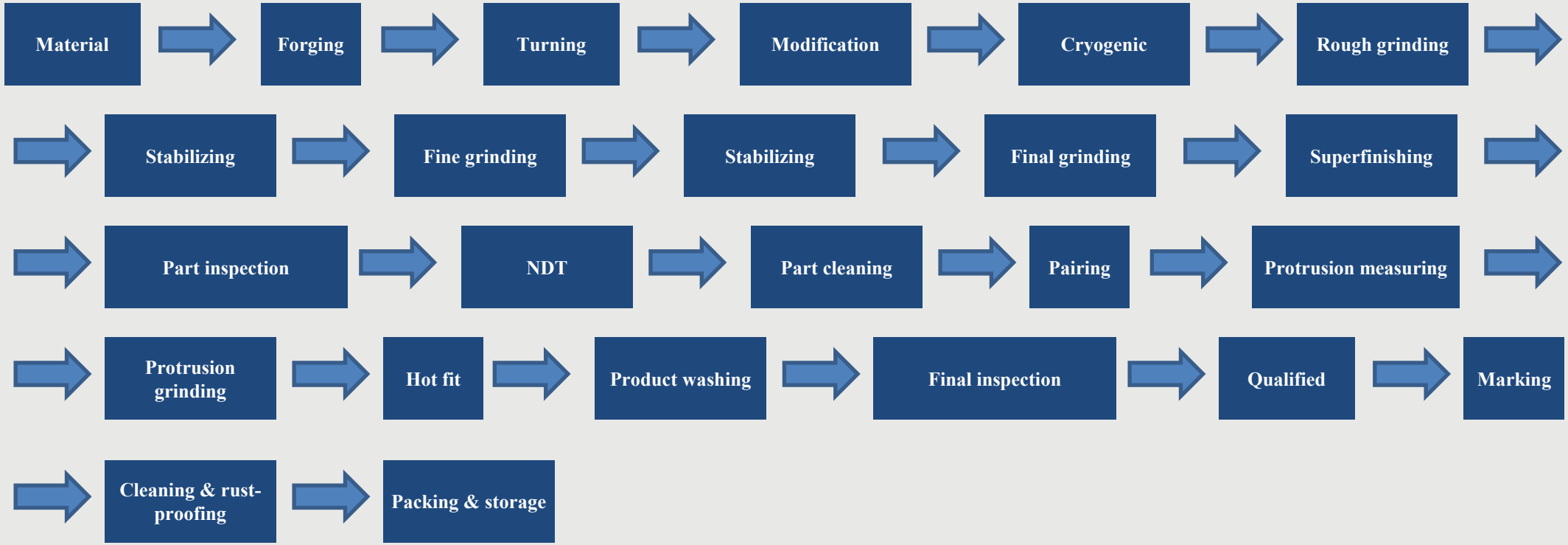


Aerospace-grade sputtering equipment



Coating performance testing

Process Flow



LYZYC®

Products





OUR PRODUCTS

P4, P2 Angular Contact Ball Bearings

1. High-precision angular contact ball bearings (standard series)
- 718 series; 719 series; 70 series; 72 series

2. High-precision high-speed angular contact ball bearings
- H719 series; H70 series; HC719 series; HC70 series; B70 series

3. L-L life long-life ultra-high-speed ceramic-ball angular contact bearings
- LCG719; LCGS719 series; LCG70; LCGS70 series

4. X-L life extra-long-life ultra-high-speed ceramic-ball angular contact bearings
- XCG719; XCGS719 series; XCG70; XCGS70 series

5. High-speed thrust angular contact ball bearings
- BAR10 series; BTR10 series

6. Ball screw support bearings
- 7602 series; 7603 series; BS series

SP, UP Cylindrical Roller Bearings

1. Double-row cylindrical roller bearings
- NNU49 series; NN30 series

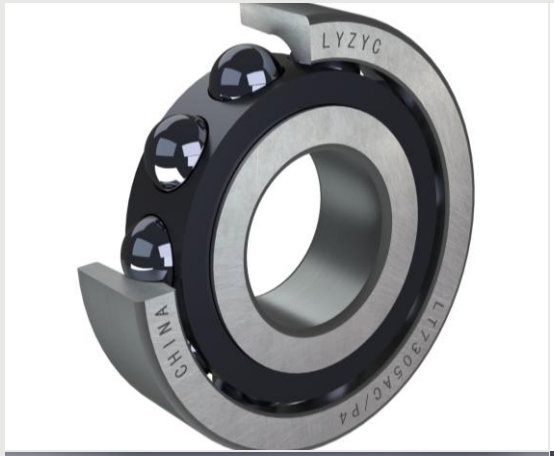
2. High-speed single-row cylindrical roller bearings
- N19 series, N10 series (steel rollers)
- HCN10 series (ceramic rollers)

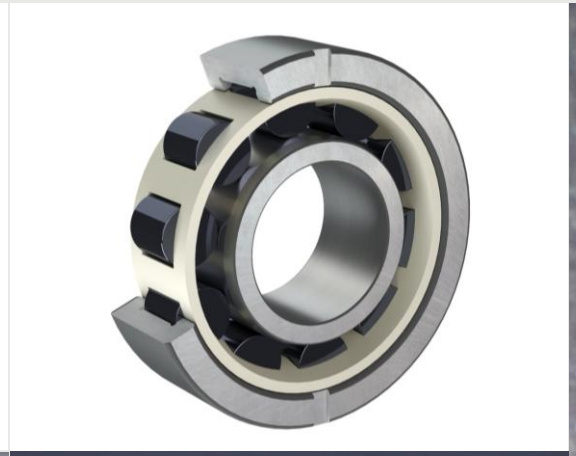
Special-Purpose Bearings

- **Small turbojet engine bearings**
- **Aerospace bearings**
- **Vacuum pump bearings**
- **High-speed wire-rod mill bearings**
- **Cryogenic bearings**
- **Corrosion-resistant bearings**
- **Robot RV reducer bearings**
- **Other special-purpose bearings, customized**

Products

Aviation Bearings









High-temp high-speed 3-point contact ball, angular contact ball & cylindrical roller bearings



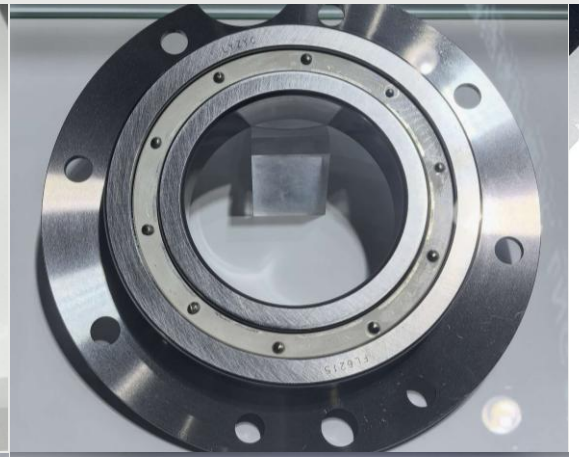
Bearings for small high-temp high-speed turbojet engines

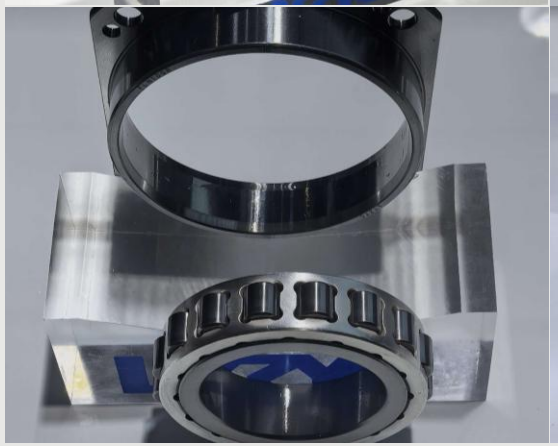
LYZYC®

Products

Gas Turbine Bearings









High-temp high-speed 3-point contact ball & cylindrical roller bearings



Special gas turbine bearings

Products

Aerospace Bearings



Inch-size equal-section thin-section bearings



Selected aerospace-specific bearings

We have supplied 100+ models of high-precision bearings to China's aerospace sector, used in the Chang'e, Gaofen, Ziyuan, Chuangxin and Tianwen programs.

Available: 718, 719, 70, 618, 619, 60, ADR and KAYDON series stainless steel bearings.

LYZYC®

Products

Maglev Backup Bearings



Backup bearings for maglev

★High-speed design ★High-strength impact-resistant material

★Full-complement ceramic balls ★Sputtered solid lubricant film

★Anti-corrosion treatment of ring surfaces

★Protects magnetic bearings from damage 10+ times

Standard: CXF719 series; CXF70 series

CXF619 series; CXF60 series

Custom: CXF718 series; CXF618 series

Non-standard series

Zhongyue backup bearings — the most trusted guardian of high-speed maglev!

LYZYC®

Products

Machine Tool Bearings



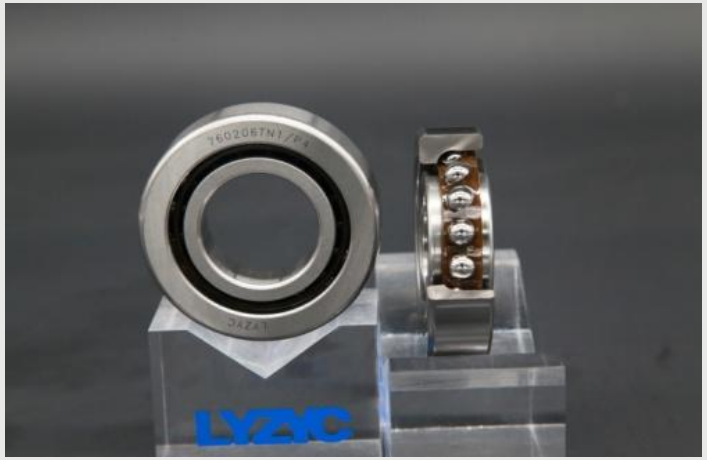
CNC spindle bearings (angular contact ball)



CNC spindle bearings (double-row cylindrical roller)



High-speed motorized spindle bearings



Ball screw support bearings



Ultra-high-speed single-row cylindrical roller bearings



Ultra-high-speed ceramic ball bearings

1: Ultra-high-speed ball bearings
(bore >8 mm, OD ≤300 mm, speed factor DN <4 million)

2: High-temperature high-speed bearings
(bore >8 mm, OD ≤300 mm, service temp <470°C, DN <4 million)

3: Thin-section equal-section bearings
(width >3.969 mm, OD <300 mm)

4: Special bearings with functional coatings

5: Special bearings of hard-to-machine materials

R&D Project Contact: Tel 18697796262 Email jin@luoyangsongju.com

Quality First, Perfection Always!

Welcome to Choose Zhongyue Bearings

THANK YOU

Sales Hotline 18697796262 Email jin@luoyangsongju.com Website www.lyzyc.cn