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TWB[®]

矿山机械专用轴承 Aggregate Machinery Bearings

耐磨 可靠 长寿命
Anti-wear Reliability Long Life



江苏帝达贝轴承有限公司
Jiangsu TWB Bearings Co., Ltd.

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公司介绍

Company Profile

江苏帝达贝轴承有限公司，专业制造TWB®品牌的高品质轴承及相关产品。公司致力于成为中国轴承企业的标杆，以先进适用的技术、稳定可靠的产品和专业周到的服务为用户提供更优性价比的解决方案。

TWB®品牌创立于1996年，主要产品包括调心滚子轴承、圆柱滚子轴承、圆锥滚子轴承、深沟球轴承、角接触球轴承以及相关零部件等，TWB®产品广泛应用于冶金、矿山、造纸、电梯、水泥、港口起重、工程机械等行业，以优异的性能与稳定的质量赢得客户的信赖。

公司已取得ISO9001质量管理体系认证、ISO14001环境管理体系认证及OHSAS18001职业健康安全管理体系认证。公司坚持选用优质原材料，严格执行过程控制与质量监控标准，确保产品性能与品质高度一致性，为客户提供可靠的产品。同时，公司通过优化产品结构与改进工艺流程，不断提升产品性能，满足客户更高标准的要求；并且还可以通过共同开发满足客户国产化、定制化需求。

Jiangsu TWB Bearings Co., Ltd. is specialized in manufacturing various high-quality bearings and related products. Committed to becoming the benchmark of Chinese bearing companies, TWB provides optimal solutions with advanced & applicable technology, consistent & reliable bearing products, and professional & attentive services to customers.

TWB® brand was established in 1996, with product range covering spherical roller bearings, cylindrical roller bearings, tapered roller bearings, deep groove ball bearings, angular contact ball bearings, and related parts and accessories. With excellent performance and stable quality, TWB® has been well recognized and wins customers' trust in primary metals, mining, paper, elevator, cement, crane, construction machinery, etc.

The company has obtained ISO9001 Quality Management System certification, ISO 14001 Environmental Management System certification, and OHSAS 18001 Occupational Health and Safety Management System certification. The company provides reliable products by selecting premium raw material, conducting strictly process and quality control standards, which ensure high consistency of performance and quality. Meanwhile, the company improves product performance continuously to meet higher standard requirement from customers, by optimizing product structure and improving manufacturing process, and the company could work with customers in joint effort for localization and customization requirement.





矿机轴承应用解决方案

Application Solution of Mining Equipment Bearings

采矿业是许多国家工业的基础，在国民经济发展中占有极其重要的地位。中国因早些年经济快速的发展及对矿物的旺盛需求而发展成为世界采矿业规模最大的国家之一。

矿山机械设备通常包含采掘、破碎、筛选、输送等连线工作设备，大多工作在远离城市的偏远地区，在风吹日晒等恶劣环境下连续工作，其严酷的作业环境对设备的可靠运行带来极大的挑战，同时也因机械的大型化，使得维修变得困难。

TWB针对矿机设备的特点，以多年的轴承制造经验开发制造了一系列矿机专用轴承，为客户提供能适应恶劣工况，具有耐磨损、抗冲击特性，且高可靠、长寿命的产品，助客户提升设备使用寿命和性能，从而取得更高效益。

Mining industry is the foundation of many countries, and it plays an important role in the development of national economy. China has developed into one of the largest mining countries in the world due to its rapid economic growth and strong demand for minerals in earlier years.

Mining machinery equipments usually include mining, crushing, screening, conveying equipments, most of which work in the remote areas away from the city, continuous work in the harsh environment exposed to the weather, the harsh working environment has brought a great challenge for reliable operation of the equipment, but also because of the large-size machinery, makes maintenance difficult.

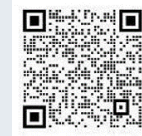
According to the characteristics of mining equipments, TWB developed a series of special mining bearings with years of experience, which can adapt the harsh conditions, with advantages of abrasion resistance, impact resistance, and high reliability and long life, which help customers improve the equipment life and performance, so as to achieve higher efficiency.

助客户提升价值

Help Enhancement of Customers' Value

- 延长设备工作寿命
 - 提高设备性能
 - 减少停机时间
 - Extend equipment life
 - Improve equipment performance
 - Reduce downtime
- 
- 降低能耗
 - 提高运行可靠性和安全性
 - 降低维护成本
 - Reduce energy consumption
 - Improve operational reliability and safety
 - Reduce maintenance costs





TWB矿机专用轴承特性

TWB Mining Bearing Characteristic

针对矿机设备特殊工况而专门生产的TWB高品质调心滚子轴承和圆柱滚子轴承，具有耐磨损、抗冲击、低振动、低发热和长寿命的特点。
TWB's high-quality Spherical Roller Bearings and Cylindrical Roller Bearings are designed exclusively for special conditions of mining equipments, which are characterized in abrasion resistance, impact resistance, low vibration, low heat and long life as well.



- 优化轴承内部结构，更低振动，减少发热，提高使用寿命
- 改良保持架设计，提升轴承抗冲击性能
- 优化调心滚子轴承滚子和滚道的吻合率，改善滚子和滚道表面粗糙度，减少摩擦，降低温升，提高运转性能
- 可提供一体黄铜保持架圆柱滚子轴承，抗冲击性更强、性能更稳定
- 针对不同工况提供不同结构产品，或定制特殊游隙



- Optimized internal structure, lower vibration, less heat, longer service life
- Improved cage design to enhance impact resistance
- Optimized the coincidence rate of roller and raceway for spherical roller bearings, improve roller and raceway surface roughness, reduce friction, control temperature rise, and improve running performance
- Provide one piece brass cage cylindrical roller bearings with stronger impact resistance stable performance.
- Provide different structural products for different conditions, or customize special clearance

TWB矿机专用轴承主要应用

Main Applications of TWB Bearings for Mining Machinery

AM系列调心滚子轴承 AM series of SRB

特性：耐磨损、抗冲击

应用：颚式破碎机、辊式破碎机、锤式破碎机、反击式破碎机等各种带冲击载荷的破碎机械

Features: wear resistance, impact resistance

Application: jaw crusher, roller crusher, hammer crusher, impact crusher and other crushing machine with impact load



重载荷+冲击负荷
Heavy load + Impact load



重载荷+低速旋转
Heavy load + Low speed rotation



轻载荷+高速旋转
Light load + High speed rotation

AZ系列调心滚子轴承 AZ series of SRB

特性：重载、高速

应用：高速、重载、高冲击的振动机械

Features: heavy load, high speed

Application: high speed, heavy load, high impact vibration machine



重载荷+高速旋转
High load + High speed rotation

专用圆柱滚子轴承+深沟球轴承 Special CRB + DGBB

特性：防高速打滑性能好

应用：制砂机等高速轻载工况

Features: good anti-slip performance

Application: high speed and light load condition



轻载荷+高速旋转
Light load + High speed rotation



TWB矿机专用轴承典型型号

Typical Type of TWB Bearings for Mining Equipments

内径 Bore(mm) 调心滚子轴承系列 SRB Series 代号 Code

内径 Bore(mm) 深沟球轴承系列 DGBB Series 圆柱滚子轴承系列 CRB Series 代号 Code

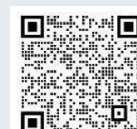
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600										600
630										630
670										670
710										710
750										750
800										800
850										850

	6200	6300	200	2200	300	2300	
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240							48
260							52
280							56
300							60

典型矿机专用轴承系列
 Typical Special Bearings Series for Mining Equipments

如需了解更多详情，请联系帝达贝公司销售工程师或者应用工程师。
 More information, please contact TWB sales engineer or application engineer.

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