

WD Bearing Group Offers

- A range of premium bearings for gearbox applications
- Customized bearing solutions are welcome and possible
- Dedicated research and development center
- IATF 16949:2016 certified manufacturing facilities
- Global customer service and technical support

About WD



WD Bearing Group is a technology-focused company with a global footprint. We specialize in R&D, manufacturing, sales and service of high-quality bearings.

WD manufactures in accordance with Six Sigma principles and quality management systems, such as ISO 9001, ISO 14001, and IATF 16949. WD continuously invests in advanced machining equipment, professional bearing software, and highly-skilled employees. This focus makes WD the customer's first choice of expert bearing solutions.

WD bearings are frequently supplied to OEMs in several industries, such as planetary gearbox, material handling, construction machinery, agricultural machinery, fluid equipment, etc. Our global engineering departments and sales teams are dedicated to exceeding each customer's needs with personalized and reliable bearing solutions.

We look forward to building long-term and mutually beneficial partnerships with customers around the world. After all, everyone knows "Quality Creates Value".



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WD Bearings for Gearboxes





Quality Creates Value

WD has developed bearings to endure diverse and aggressive gearbox applications.



Deep groove ball bearings

- High steel requirements and optimized ball size and quantity increase the load capacities and extend bearing life
- High quality steel balls and specialized cage reduce noise in operation
- Improved raceway profile, roughness, and roundness reduce frictional torque
- Multiple seal designs for high performance in the most demanding applications



Cylindrical roller bearings

- Advanced rib and roller design minimized friction and increases axial load carrying capacity
- Enhanced roller design and raceway profiles balance radial loads and extend bearing life
- High steel requirement and special heat treatment improve bearing reliability, reduces raceway cracking, and extends bearing life
- Steel, brass, and polyamide cage options to match the application



RN/RNN cylindrical roller bearings without outer ring

- Optimized roller size and quantity to increase radial load capacity and extend bearing life
- High material requirements and special roller profile to further extend bearing life
- Enhanced rib and roller design provide axial load capacity
- Special surface treatment available for specific application conditions



Taper Roller Bearings

- High capacity rollers optimize load distribution and extend bearing life
- High steel requirement and special heat treatment improve bearing reliability, reduces raceway cracking, and extends bearing life
- Improved lubrication system fully coats the roller and raceways to extend bearing service life
- Metric & inch sizes and multi row types are available