



Koyo®

Ball and Roller Bearings

...Designed for Optimum Performance



Feature

Angular Contact Ball Bearings

- Machined Bronze Retainers
- Universally Ground

Benefit

- High Operating Speed
- Lower Noise/Vibration
- Equal Load Sharing for Duplex Mounting

Conrad Ball Bearings

- Forged Steel vs. Seamless Tubing
- Super Finished Raceways

- Improved Fatigue Life
- Lower Noise/Vibration

Tapered Roller Bearings

- Forged Steel vs. Seamless Tubing
- Super Finished Raceways
- Crowned Inner Ring Raceways and Rollers

- Improved Fatigue Life
- Lower Noise/Vibration
- Improved Fatigue Life

Spherical Roller Bearings

- Machined Bronze Retainers
- W33 Feature (Radial O.D. Oil Holes and Groove)
- Self Alignment

- Lower Noise/Vibration
- High Operating Speed
- Improved Performance Under Marginal Lubrication Conditions
- Optimizes Lubricant Capability
- Accommodates Up to 2° Misalignment

Vibrating Screen Bearings

- Outer Ring Guided Two-Piece Machined Bronze Retainer (Finger Type)
- Special Heat Treatment
- W502 Feature

- Allows Differential Speed Between Rows of Rollers Reducing Retainer Stresses
- Improved Fatigue Life
- Improved Mounting and Operating Characteristics

Koyo...Bringing world-class quality bearings to a whole new level...Yours.

Contact your authorized Koyo Bearing Distributor for more information.

Koyo USA is a **JTEKT** Company



Bearing Plants

- Located in Orangeburg and Blythewood, SC
- Washington County, TN
- Quality Assurance, Inspection & Engineering
- ISO/TS16949: 2002 & 14001: 2004 Certified

Products Manufactured (USA)

- Hub Units
- Ball Bearings
- Tapered Roller Bearings

Koyo Corporation of U.S.A. Sales Division

Westlake, OH

- Corporate Headquarters
- Sales & Marketing
- MIS Support
- Operations
- Distribution Centers:
Memphis, TN
Westlake, OH
Reno, NV
- ISO/TS16949: 2002 & 14001: 2004 Certified

Technical Center

Plymouth, MI

Main Activities—

- Test and Evaluation of Bearings and Components
- Investigation of Testing Parts
- New Product Development
- Design of Bearings and Components
- Engineering Support for all Bearing Application Customers in North America
- ISO/TS16949: 2002 & 14001: 2004 Certified

Equipment—

- Automatic Measuring Equipment
- Oil/Air Lubricating Systems
- Noise Testing Equipment
- Inspection Equipment
- Air Cleaning Units

Precision Machine Parts & Equipment—

- High Speed Spindle Units
- Miniature Ball Screws
- Precision Ball Screws

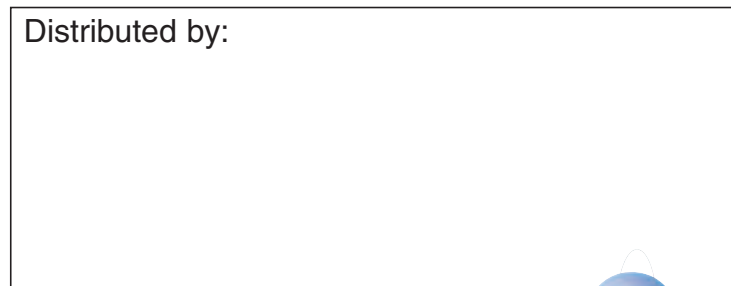
- Established January 1, 2006
- \$8.0 Billion in Sales
- Fourth Largest Bearing Manufacturer Worldwide
- Employs 30,029 Worldwide
- 1,000 USA Employees
- Operates Twelve Bearing Plants
- Operates 27 Sales Organizations
- ISO/TS16949: 2002 and 14001: 2004 Certified
- Produces over 100,000 Bearing Variations
- Eleven main affiliated companies



Products Manufactured

- Hub Units
- Ball Bearings
- Angular Contact Ball Bearings
- Double Row Angular Contact Ball Bearings
- Tapered Roller Bearings
- Cylindrical Roller Bearings
- Spherical Roller Bearings
- Needle Roller Bearings
- Vibrating Screen Bearings
- Waterpump Bearings
- Ceramic Bearings
- High Performance Bearings
- Extreme Special Environment Bearings
- Steering Systems

Distributed by:



Koyo®



Koyo USA is a **JTEKT** Company

Koyo Corporation of USA

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