

# Koyo®

Koyo is the 4th largest manufacturer of bearings worldwide. It utilizes state-of-the-art technology to produce one of the world's highest quality and most reliable bearings. Koyo bearings are used in a wide variety of electric motor, automotive, and industrial applications, and are an excellent alternative to SKF, NSK, & NTN bearings, offering comparable quality and excellent value. Bearings Limited can supply cross reference data and technical specifications.

## Electric Motor Quality Ball Bearings



- RD Type (Light Contact) Seal - A dynamic seal design with low operating torque that provides superior performance
- Super finished raceways that offer lower noise/vibration and improved fatigue life.
- Forged steel (vs. seamless tubing)

### Applications:

- Used in the revolving parts of motors

## Tapered Roller Bearings



- Forged steel (vs. seamless tubing)
- Super Finished Raceways that offer improved fatigue life & lower noise/vibration
- Crowned Inner Ring Raceways & Rollers
- Available in both Inch & Metric sizes

### Applications:

- Machine Tool Spindles
- Gear Units
- Farm Equipment - transmission
- Automotive differentials
- Front and rear wheels - trucks and busses

## Spherical Roller Bearings



- RHR design - An optimized design that results in significant increase in basic dynamic load rating and longer resulting life.
- Floating guide ring - ensures stable and reliable operation at high speeds

### Applications:

- High temperature processing and manufacturing environments
  - Printing presses
  - Paper mills
  - Railway Vehicles

## Needle Bearings



- Drawn Cup
- Heavy duty
- Roller Clutch
- Radial Needle & Cage Assembly
- Combined (Radial & Thrust) Bearings
- Thrust Bearing Assemblies and Washers

### Applications:

- Engine and Transmission Components
- Steering and Piston Shafts
- Drive-Lines
- Construction Equipment
- Wind Power Generation

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