PEER® Bearing offers:
- A wide range of agricultural, radial, mounted unit ball bearings, and tapered roller bearings
- Value-added solutions for agricultural, electrical, fluid, HVAC, industrial transmission, material handling, and off-highway applications
- ISO/TS 16949 certified production facilities
- Dedicated Research and Development center
- Global application and customer support

PEER’s knowledgeable and industry-focused Application Engineers collaborate with your technical team to understand the application, operating environment, applied load, and performance expectations. In doing so, PEER will match the right PEER solution to meet your application performance requirement.

By understanding the environment surrounding the bearing, PEER can assess the need to prevent contaminant ingress and retain lubricant by selecting a sealed TRB solution.

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Add Value and Reliability to your Equipment through Proper Bearing Selection

PEER Standard PEER XT

Radial Load Combined Load + Misalignment

Load Selection
PEER Tapered Roller Bearings are engineered to provide the highest reliability and performance under the tough conditions that industrial equipment must endure.

To ensure successful bearing operation, our Application Engineers work with you to specify the right PEER solution to meet your performance requirements the first time.

How do you benefit from choosing PEER Tapered Roller Bearings?

- Globally interchangeable inch and metric solutions allow drop-in replacement for existing and new designs
- Application-specific solutions reduce internal bearing stress and extend bearing and machine life
- Industry-focused Application Engineers provide bearing selection competence to support your new product development
- Partner supplier provides proven operational reliability and cost-effective solutions to major industrial OEM's

Tapered Roller Bearing Assemblies are pre-packaged with cup and cone spacers required to achieve a pre-determined bench end-play. The result is a major reduction in assembly time and reduced risk of early failure due to improper clearance setting.

TYPICAL INDUSTRIAL APPLICATIONS

Assembled with PEER Bearings

Sealed Tapered Roller Bearings offer an integrated solution for grease lubricated applications as an economical replacement to a traditional shaft seal and bearing as individual components.

Sealed Tapered Roller Bearings offer increased axial and radial load capacity relative to other bearing types. The inherent design allows for clearance adjustment during mounting to achieve the correct bearing setting for optimized performance.

Single Row Tapered Roller Bearings offer increased axial and radial load capacity relative to other bearing types. The inherent design allows for clearance adjustment during mounting to achieve the correct bearing setting for optimized performance.

TAPERED ROLLER BEARING CAPABILITIES

- Bore Size: 15mm~200mm
- Outside Diameter: 35mm~260mm
- Ring Roller Material: Through hardened SAE 52100, ISO100Cr6, GB/T GCr15
- Precision Classes:
  - ISO Metric: Normal, P6X
  - Inch: Class 4, Class 2
  - J Line Metric: Class K, Class N
- Heat Stabilization: S0, S1, S2, S3
- Solutions: Standard (Radial Load), XT (Misalignment)

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**Customer Needs**

**Application**

**Environment**

**Mounting**

**Applied Load**

**Fitting Solution**

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**PEER® Bearing**

**Radial Load**

**Combined Load + Misalignment**

**Fitting Solution**

**Radial Load**

**Combined Load + Misalignment**

**CUSTOMER NEEDS**

**APPLICATION**

**ENVIRONMENT**

**MOUNTING**

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**TYPICAL INDUSTRIAL APPLICATIONS**
- Compact Track Loader
- Concrete Mixer
- Mower
- Excavator
- Skid steer
- Backhoe Loader
- Farm Tractor
- Wheel Loader
- Rake Combine
- Forklift Truck
- Rice Transplanter
- Concrete Truck
- Pressure Washer
- ATV / UTV
- SWASH PLATE TRUNNION
- Drive Shaft
- Output Shaft
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APPLICATION

CUSTOMER NEEDS

ENVIRONMENT

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