




Trusted Difference At Every Turn



BEARING SOLUTIONS FOR INDUSTRIAL GEARBOXES





When designing a gearbox or gear reducer, many factors need to be considered to meet application and commercial requirements. Low noise levels, speed to market, cost effectiveness and durability play a significant role in the success of a gearbox design. PEER's extensive experience in the industrial transmission market allows us to effectively integrate bearing solutions that are reliable and cost-effective.

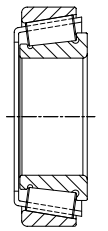
Trusted OEM Partner to the Gearbox Industry

- **Trusted partner supplier to major industry OEMs for over a decade**
 - On-time delivery
 - Award winning quality
- **Industry leading customer service**
 - Inventory available in Waukegan, IL
 - Flexible ordering
- **Globally interchangeable inch and metric solutions**
 - Drop in replacement
 - Prevents gearbox redesign cost
- **Industry specific Application Engineering support**
 - Bearing selection confidence
 - New product development

WORM GEARBOX BEARING SOLUTIONS

Single Row Tapered Roller Bearing

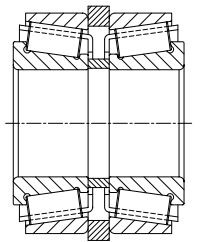
Single row tapered roller bearings from PEER offer increased axial and radial load capacity relative to other bearing types. The inherent design allows for clearance adjustment during mounting to achieve the correct gear mesh and backlash.



SINGLE ROW TRB

Tapered Roller Bearing Matched Pair

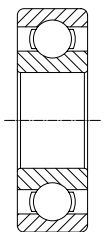
PEER matched pairs are assembled and pre-packaged with cup and cone spacers required to achieve a pre-determined bench end play. The result is a major reduction in gearbox assembly time and reduced risk of early gearbox failures due to improper clearance setting.



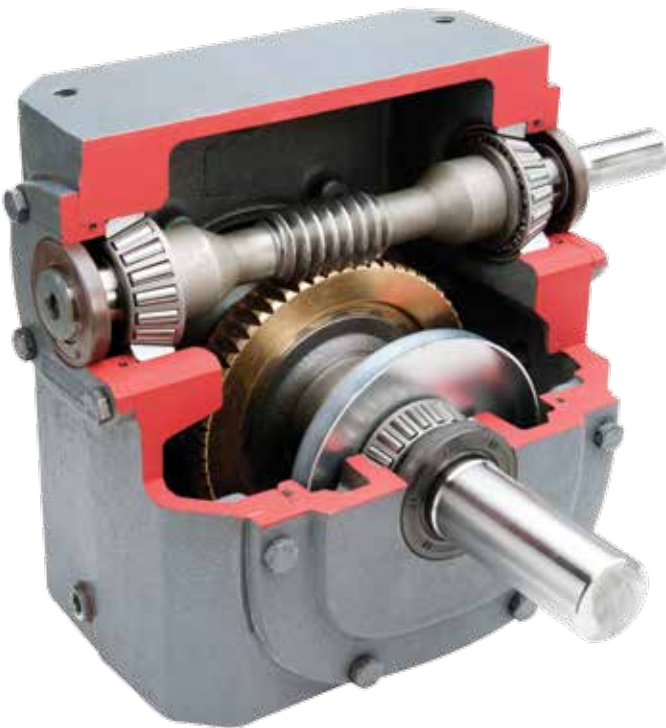
TRB MATCHED PAIR

Single Row Deep Groove Ball Bearing

PEER single row deep groove ball bearings used on the input shaft are available open, shielded or sealed with grease. Advantages include low running noise, higher speed capability, and ease of assembly.



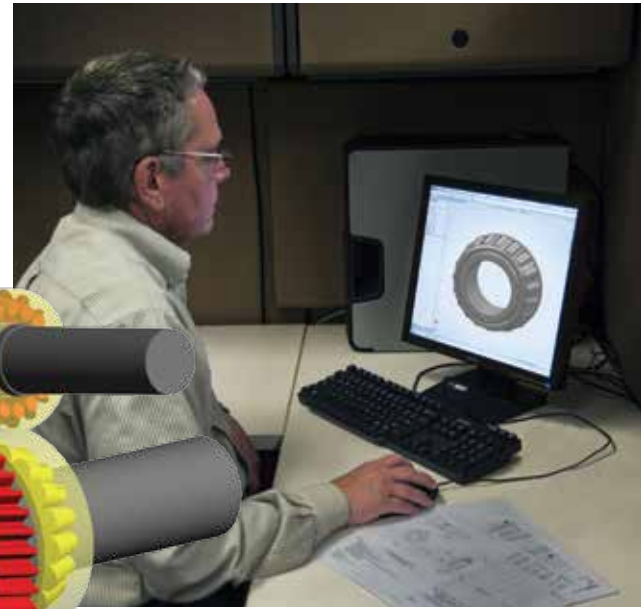
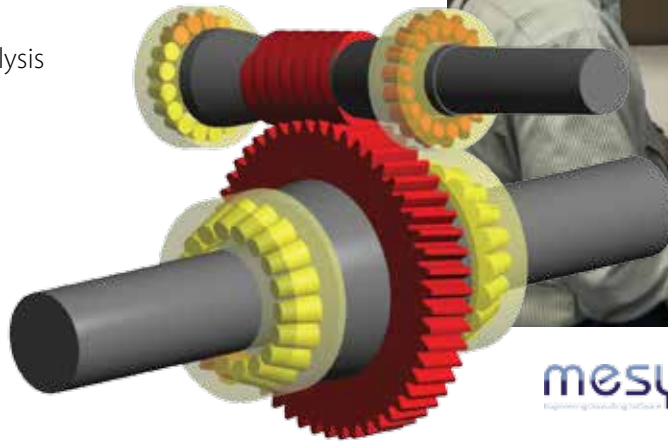
SINGLE ROW DGBB



PEER's knowledgeable and industry focused Application Engineers collaborate with your technical team to select the best bearing solution to meet the needs of your application. Our flexibility and willingness to customize solutions help achieve application performance goals **in a cost-effective way.**

Services provided by the PEER Application Engineering team include:

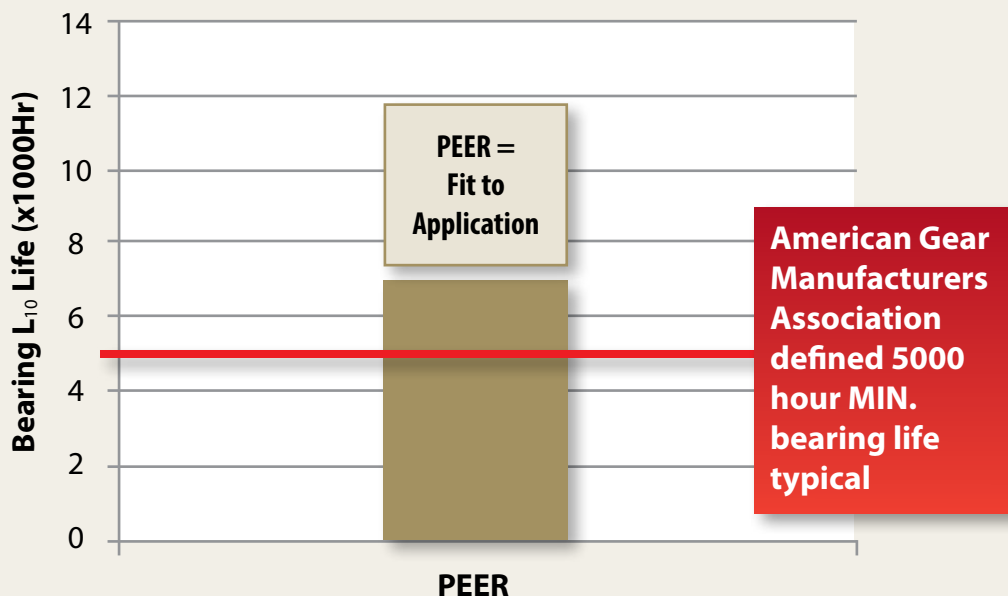
- Bearing performance prediction analysis
- FEA analysis
- Bearing feature selection
- Shaft and housing fit selection
- CAD prints and 3D models
- Analysis and reporting of bearings removed from service
- Bearing training



Are you paying for more than what you need?

PEER provides the right bearing solution for the right application to meet your expectations. Our bearing solutions have been proven to provide years of operational reliability in the industrial gearbox industry.

Expected Bearing Life vs Application Requirement



*Constructed by using independent test data versus application case study

ABOUT PEER



- ▲ Full line of agricultural, radial, mounted unit ball bearings and tapered roller bearings
- ▲ Valued bearing solutions for agricultural (including lawn & garden), electrical, fluid (including HVAC), industrial transmission, material handling (including baggage handling) and off-highway applications
- ▲ Global application engineering support
- ▲ TS-16949 certified manufacturing facilities
- ▲ Dedicated Research and Development center
- ▲ Testing capabilities include: fatigue life, noise/vibration, mud slurry and salt spray testing
- ▲ Flexible manufacturing to allow for low to high volume production
- ▲ Customer service excellence



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To place an order call...

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