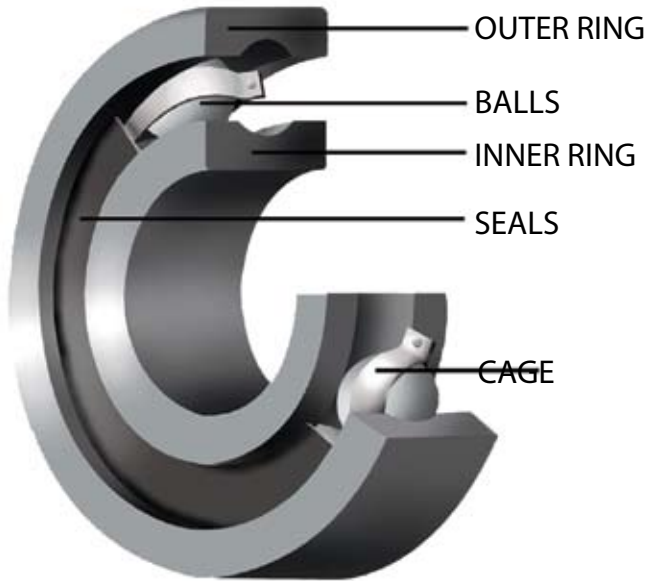


Bearing Comparison

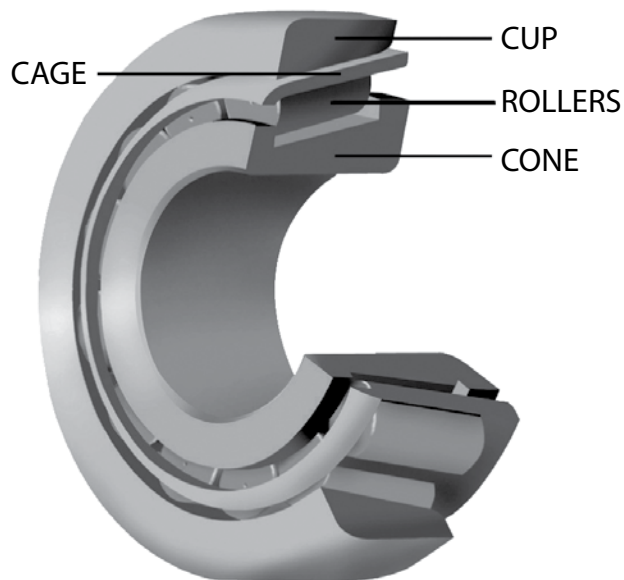
Sealed Ball Bearing VS Tapered Roller Bearing

Sealed Ball Bearing



- Reduces maintenance by eliminating grease expenditures and grease piping for single-point lubrication
- Lower cost than tapered roller bearing
- Friction resistant
 - Maintains low roll resistance for maximum wear life.
- Retains grease in bearing cavity
- Double seal configuration for better exclusion of contaminants
- Able to tolerate 16 minutes or .005 in/in of misalignment while maintaining normal contact
- Consistent high speed performance

Tapered Roller Bearing



- Consistent maintenance required
- Friction increases power required to move the conveyor belt
- Pumping action forces grease away from rolling elements
- Single seal configuration
- High speed performance requires close attention to maintenance, idler seal, grease quantity and grease type.
- Only tolerates 3 minutes or .0009 in/in. misalignment causes edge contact, severely reducing bearing life

Call today for more information on the Superior Industries Sealed Ball Bearing.

Contact Superior Industries at: (800) 437-9074 or visit www.superior-ind.com

© 2005 Superior Industries, Inc./ SS 115

