

Spherical Plain Bearing

Radial spherical plain bearings feature a sphered convex outside diameter on the inner ring and a correspondingly sphered concave inside surface on the outer ring. This design is ideal for bearing arrangements that require alignment movements between shaft and housing, or where oscillating, recurrent tilting, or slewing movements are needed at relatively slow sliding speeds.



Product Overview

High-Performance Spherical Plain Bearings

These spherical plain bearings are engineered to handle high load capacities while effectively accommodating angular misalignment between shafts and housings. Designed for demanding industrial environments, they feature a spherically ground inner ring surface that allows for smooth, reliable movement under both static and dynamic conditions. This extensive range of sizes ensures compatibility with a wide variety of machinery and mechanical assemblies.

Certifications

ISO 9001:2008

Model Range

Available Model Series

- GE 5 E to GE 12 E Series
- GE 15 ES to GE 300 ES Series
- GE 15 ES-2RS to GE 300 ES-2RS Series (Sealed)
- GEH 60 ES-2RS to GEH 70 ES-2RS Series

Technical Details

Design Characteristics

Spherical ground surface • High load capacity • Misalignment compensation • Sealed options available (2RS)