

Spherical Plain Bearing

These bearings allow for angular movement between components, reducing stress and wear. They are suitable for heavy loads and oscillating movements.



ADDITIONAL IMAGES



Product Overview

Spherical Plain Bearings

These spherical plain bearings are designed to accommodate misalignment between mating components, featuring an inner ring with a spherical outside diameter and a matching outer ring. Engineered for applications with oscillating or rotating movements, they effectively handle heavy loads while minimizing friction and wear. The series is characterized by smooth movement, high rigidity, and a long service life, making them an economical choice for various mechanical assemblies.

Technical Specifications

Maintenance

Requires Maintenance

Inner Diameter Range

4.826 mm

Min Diameter

25.4 mm

Max Diameter

Key Features

- Smooth movement
- Low friction
- High rigidity
- Long life span
- Economical and easy to replace
- No phosphate treatment

Series Type

Inch Series

Sliding Contact Surfaces

Steel on Steel (COM), Steel on PTFE (COM...T)

Standard

ISO 12240-1

Available Models

Standard Models

Model	Sealed Version Available
GE 12 ZO	No
GE 15 ZO	No
GE 19 ZO	Yes (GE 19 ZO-2RS)
GE 22 ZO	Yes (GE 22 ZO-2RS)
GE 25 ZO	Yes (GE 25 ZO-2RS)
GE 50 ZO	Yes (GE 50 ZO-2RS)
GE 152 ZO	Yes (GE 152 ZO-2RS)