

Spherical Plain Bearing for Industrial Applications

Spherical plain bearings accommodate misalignment between shafts and housings, ensuring reliable performance in challenging environments. Their design allows angular movement and oscillation, which minimizes stress and wear on connected parts.



Product Overview

Industrial Spherical Plain Bearings

These spherical plain bearings are engineered to manage misalignment between shafts and housings, ensuring reliable performance in demanding industrial environments. The design features a spherical inner ring interface with a matching outer ring, allowing for essential angular movement and oscillation. By effectively reducing stress on connected components, these bearings significantly extend the operational life of heavy machinery, construction equipment, and automotive suspension systems.

Technical Features

Design Capabilities

- Accommodates shaft and housing misalignment
- Supports angular movement and oscillation
- Reduces stress and wear on connected components

Durability Features

- Surface treated for wear resistance
- Corrosion protection treatment

Materials

High-strength steel, Bronze

Applications

Typical Industry Applications

Heavy machinery • Construction equipment • Automotive suspension