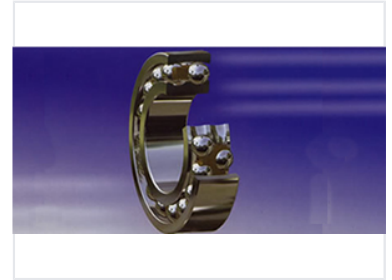


Self-Aligning Spherical Ball Bearing

These bearings feature cylindrical or tapered bores and retainers made of steel sheet or synthetic resins. Their spherically formed outer ring raceways allow for misalignment compensation within 3° deflection between the inner and outer rings.



Product Overview

Self-Aligning Ball Bearings

Self-aligning ball bearings are precision-engineered components designed to accommodate angular misalignment between the shaft and housing. Featuring two rows of balls and a spherical outer ring raceway, these bearings provide superior performance in applications where shaft deflections or minor mounting errors are anticipated. They ensure smooth operation and reduced noise levels, making them an ideal choice for demanding industrial environments.

Technical Specifications

Retainer Materials

- Steel Sheet
- Synthetic Resins

Design Feature

Spherically Formed Outer Ring

Angular Misalignment Capacity

3 degrees

Bore Configuration

Cylindrical, Tapered

Performance

Key Performance Indicators

2 rows

Rows of Balls

3 degrees

Allowable Deflection