

# Self-Aligning Spherical Ball Bearing

Self-aligning ball bearings handle high load conditions with a self-aligning design. These bearings significantly reduce machine noise, offering customers a quieter operation.



## Product Overview

### Self-Aligning Ball Bearings

These self-aligning ball bearings are engineered with two rows of balls and a common sphered raceway in the outer ring. Designed for heavy and complex conditions, they offer inherent self-alignment capabilities to manage shaft deflections and angular misalignments relative to the housing. Beyond their mechanical resilience, they provide a significant reduction in operating noise, contributing to a quieter machine environment for industrial applications.

## Design Characteristics

### Features

Self-aligning, Two-row construction, Sphered outer raceway, Deep groove design

## Performance

### Operating Conditions

- Heavy load conditions
- Complex operating environments
- Applications with shaft deflection
- High angular misalignment tolerance

### Noise Reduction

Yes