

Self-Aligning Ball Bearing 2311

The self-aligning ball bearing 2311 is designed to accommodate shaft misalignment and deflection. It is suitable for applications where shaft alignment is difficult to maintain and offers reliable performance under moderate loads and speeds.



Overview

High-Performance Self-Aligning Ball Bearing

The 2311 self-aligning ball bearing is engineered to handle shaft misalignment and deflection through its dual-row ball design and spherical outer ring raceway. This specialized construction makes it an ideal solution for applications where precise shaft alignment is difficult to maintain. Built from high-grade Gcr15 bearing steel, it ensures reliable performance and an extended service life under moderate loads and speeds.

Technical Features

Design Characteristics

- Self-aligning capability
- Two rows of balls
- Spherical raceway in the outer ring
- Accommodates angular misalignment

Model Number	2311
--------------	------

Material Specifications

Material

Gcr15 Bearing Steel

Applications

Typical Applications	Agricultural Machinery, Construction Equipment, Industrial Gearboxes, Misaligned Shaft Systems
----------------------	--

Service Highlights

Service Benefits

Feature	Benefit
Delivery	Early delivery dates available
Pricing	Competitive market pricing
Quality	Original manufacturing standards