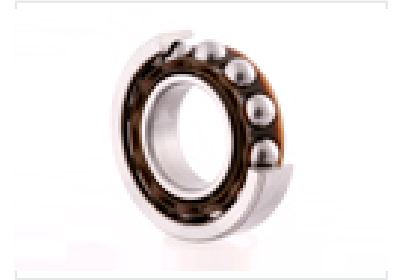


# Ball Bearing for Rotational Friction Reduction

This rolling-element bearing utilizes balls to maintain separation between bearing races. It is designed to decrease rotational friction and handle both radial and axial loads.



## Product Overview

### High-Performance Ball Bearing

This ball bearing is a precision rolling-element component engineered to minimize rotational friction while effectively supporting both radial and axial loads. Designed for durability and smooth operation, it features a robust cage mechanism that maintains optimal separation between the bearing races and balls, significantly reducing wear. It is an ideal solution for demanding industrial applications, including motors, pumps, and various gearbox systems.

## Technical Specifications

### Load Support

Radial Load • Axial Load

### Typical Applications

Motors, Pumps, Gearboxes

### Primary Function

Rotational friction reduction

## Construction

### Internal Components

- Inner ring (race)
- Outer ring (race)
- Rolling balls
- Cage/Retainer