

# Deep Groove Ball Bearing

Deep groove ball bearings are versatile components designed for high-speed applications and capable of handling both radial and axial loads. These bearings feature a simple design, require minimal maintenance, and offer reliable performance across various operating conditions.



## Product Overview

### Versatile Industrial Components

Deep groove ball bearings are highly versatile components engineered for high-speed industrial applications. Their robust design allows them to effectively manage both radial and axial loads while requiring minimal maintenance. These bearings are essential for ensuring smooth operation and efficiency in diverse machinery such as electric motors, pumps, and gearboxes.

## Technical Features

### Performance Highlights

**1 Low**

Maintenance Level

**1 High**

Operating Speed

### Load Handling

Radial Load, Axial Load

## Construction

### Internal Components

- Inner Ring
- Outer Ring
- Ball Bearings
- Cage

## Applications

### Primary Applications

Electric Motors • Pumps • Gearboxes • Industrial Machinery