

# Deep Groove Ball Bearing

Deep groove ball bearings are widely used due to their versatility. They can handle axial loads in both directions, as well as radial loads, even at high speeds, and are available in low noise and vibration configurations.



## Overview

### Versatile Industrial Bearing Solution

Deep groove ball bearings are the most representative and widely used bearing type in industrial applications. Designed to accommodate both radial and axial loads in both directions, these bearings maintain high performance even at high operational speeds. They are engineered for low noise and low vibration, ensuring smooth operation in demanding environments.

## Design & Construction

### Filling Slot Specifications

| Feature              | Status               |
|----------------------|----------------------|
| Dimensions           | Same as standard     |
| Radial Load Capacity | Higher than standard |

### Sealing & Lubrication

- Metal shields
- Rubber seals
- Pre-lubricated with grease

### Additional Configuration

Snap ring • Outer ring flange • Filling slots available

### Load Capacity Features

Radial load support, Axial load support (both directions), High speed capability