

# Deep Groove Ball Bearing

These deep groove ball bearings are engineered for optimal performance. They feature precision-ground raceways and optimized internal geometry for smooth operation and reduced friction.



## Product Overview

### High-Precision Deep Groove Ball Bearings

These deep groove ball bearings are engineered for exceptional durability and performance across diverse industrial sectors. Built from high-quality bearing steel, they feature low noise operation, high precision, and a long service life. Designed to handle high-speed and load-intensive applications, these bearings provide a reliable solution for electric motors, machinery, and automotive systems.

## Technical Specifications

### Material

- GCr15 Bearing Steel
- SiMn Steel

### Retainer Options

Copper • Nylon • Bakelite • Stainless Steel

### Bore Diameter Range

1mm - 1800mm

### Precision Level

P4, P5, P6, P0, ABEC7, ABEC5, ABEC3, ABEC1

## Key Features

### Key Performance Indicators

**1 ISO9000**

Quality Standard

## Applications

### Applicable Industries

- Machine Tools
- Electrical Equipment
- Railways
- Automotive
- Construction Machinery