

# 6206 Deep Groove Ball Bearing

The 6206 deep groove ball bearing features hardened steel races and precision-ground balls for smooth operation. It is designed to provide reliable radial and axial load support in various industrial applications, including electric motors and gearboxes.



## Product Overview

### High-Precision Deep Groove Ball Bearing

The 6206 deep groove ball bearing is engineered for reliability and high-performance in various industrial applications, including machine tools, electrical equipment, and automotive machinery. Constructed with durable bearing steel, this component offers low noise operation and an extended service life. It is designed to support both radial and axial loads efficiently, making it an essential part for rotating machinery such as pumps and gearboxes.

## Technical Specifications

### Retainer Options

- Copper
- Nylon
- Bakelite
- Stainless Steel

### Bore Diameter Range

1800 mm

### Precision Levels

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

### Materials

GCr15, SiMn

## Quality & Standards

### Certifications

ISO 9000 • Bearing Steel Standard

### Performance Features

- Low noise operation
- Long service life
- High precision engineering

## Applications

### Suitable Industries

- Machine tools
- Electrical equipment
- Railways
- Automotive
- Construction machinery