

# Deep Groove Radial and Axial Ball Bearing

This deep groove ball bearing features a simple structure and is easy to maintain. It is mainly used to support axial loads, but can also handle radial loads, similar to an angle contact ball bearing, and can support large axial loads.



## Overview

### High-Performance Deep Groove Ball Bearings

These deep groove ball bearings feature a simple, low-maintenance design capable of supporting both axial and radial loads. Engineered for precision and efficiency, they offer a low friction coefficient and high-speed ratings, making them ideal for demanding industrial environments. Their versatility allows for use in applications ranging from precision instruments and low-noise motors to automotive systems.

## Technical Specifications

### Key Performance Features

Low Friction • High Speed Rating • Low Noise • Precision Engineered

### Load Capability

Radial Load, Axial Load

## Available Series

### Series and Size Specifications

Series	Bore Diameter (mm)	Variant Structures
61800	10-320	Z, ZZ, RS, 2RS
61900	10-280	Z, ZZ, RS, 2RS, N, NR, ZN, ZNR
16000	10-260	-
6000	10-260	Z, ZZ, RS, 2RS, N, NR, ZN, ZNR
6200	10-220	ZZ, RS, 2RS, N, NR, ZN, ZNR
6300	10-190	ZZ, RS, 2RS, N, NR, ZN, ZNR
6400	10-100	N, NR

## Applications

### Typical Applications

- Precision instruments
- Low noise electromotors
- Automobile components
- Motorcycle components