

# Deep Groove Radial Ball Bearing

Deep groove ball bearings are versatile and widely used for various applications. These bearings can handle both axial and radial loads at high speeds while maintaining low noise and vibration.



## Product Overview

### Deep Groove Radial Ball Bearings

Deep groove radial ball bearings are versatile, self-retaining bearings with solid outer rings, inner rings, and ball and cage assemblies. These bearings are characterized by their simple design, robustness in operation, and ease of maintenance. They are suitable for high speeds and can accommodate both radial and axial loads, making them an essential component for a wide range of industrial machinery and mechanical applications.

## Available Series

### Supported Series

6000 Series, 6200 Series, 6300 Series, 6400 Series, 6800 / 61800 Series, 6900 / 61900 Series, R Series, RLS Series, RMS Series

## Technical Specifications

### Seal/Shield Options

Open • Z (Single Shield) • ZZ (Double Shield) • RS (Single Seal) • 2RS (Double Seal)

### Bearing Type

Deep Groove Radial Ball Bearing

## Product Range

### Available Part Numbers

Series	Configuration Examples
6000 Series	6000-ZZ, 6006-2RS, 6012, 6052 M
6200 Series	6200, 6204-RS, 6213-2RS, 6268 MA
6300 Series	6300, 6304-RS, 6313-ZZ, 6336 M
6400 Series	6403, 6404, 6418
6800/6900 Series	6800, 6800.ZZ, 6900, 6900.2RS
R/RLS/RMS Series	R8, RLS4, RMS4, RLS22