

# Deep Groove Radial Ball Bearings

## 6000-6020

Deep groove ball bearings are versatile rolling bearings suitable for high speeds. They accommodate radial and axial loads in both directions, requiring minimal maintenance.



### Product Overview

#### Deep Groove Radial Ball Bearings

Deep groove ball bearings are the most typical rolling bearings, characterized by a simple, non-separable design that offers extensive application versatility. These bearings feature deep raceway grooves that accommodate both radial loads and axial loads in both directions. Engineered for performance, they provide a low friction factor, high rotational speed limits, and low noise and vibration operation, making them ideal for demanding industrial environments.

### Technical Specifications

#### Performance Features

- Low friction factor
- High limit rotational speed
- Low noise operation
- Low vibration

#### Available Closures

Z • ZZ • RS • 2RS • 2RZ

#### Bearing Type

Deep Groove Radial Ball Bearing

#### Size Range

6000 to 6020

#### Load Capacity

Radial Load, Axial Load (Double Direction)

### Applications

#### Common Industrial Applications

- Automobiles
- Machine tools
- Motors
- Instruments
- Construction machines
- Railway vehicles
- Agricultural machines