

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