

# Deep Groove Ball Bearings

These deep groove ball bearings are typical rolling bearings. They handle radial and axial loads in both directions and are suitable for electric motors, pumps, and gearboxes.



## Product Overview

### Versatile Deep Groove Ball Bearings

Deep groove ball bearings are the most typical rolling bearings, characterized by their simple design and convenience in operation. They feature deep, uninterrupted raceway grooves that allow them to carry both radial loads and axial loads in double directions. Engineered for high-speed operation, these bearings offer low friction, low noise, and minimal vibration, making them ideal for a wide range of industrial applications.

## Technical Specifications

### Key Design Features

- Non-separable design
- Single row configuration
- High rotational speed limit
- Low friction factor
- Low noise and vibration

### Available Designations

6200-6220 • Z • ZZ • RS • 2RS • 2RZ

|                      |  |
|----------------------|--|
| <b>Bearing Type</b>  | Deep Groove Ball Bearing                   |
| <b>Load Handling</b> | Radial Load, Axial Load (Double Direction) |

## Applications

### Common Applications

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

## Service & Quality

|                             |                                |
|-----------------------------|--------------------------------|
| <b>Service Availability</b> | OEM Service, Samples Available |
| <b>Quality Assurance</b>    | Yes                            |