

# 61812 Deep Groove Ball Bearing

This deep groove ball bearing is a versatile and reliable component. It features a single-row design, precision-engineered raceways and balls to minimize friction, and is suitable for use in electric motors, pumps, gearboxes, and other industrial machinery.



## Overview

### 61812 Deep Groove Ball Bearing

The 61812 deep groove ball bearing is a versatile and reliable component designed for a wide range of industrial applications. Featuring a single-row design, this non-separable bearing offers exceptional radial load capacity while accommodating axial loads in both directions. Precision-engineered raceways and balls minimize friction and noise, ensuring smooth, efficient, and high-speed operation for machinery such as electric motors, pumps, and gearboxes.

## Technical Features

### Operational Benefits

Low Friction • Low Noise • Low Vibration • High Speed

Bearing Type	Deep Groove Ball Bearing
Design Structure	Single Row, Non-separable

## Performance

### Load Capacity

- Radial Load
- Axial Load (Double Direction)

## Applications

### Suitable Applications

- Automobiles
- Machine Tools
- Electric Motors
- Instruments
- Construction Machines
- Railway Vehicles
- Agricultural Machines
- Pumps
- Gearboxes

## Service & Availability

Service Options	OEM Service, Samples Available
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