

# Deep Groove Ball Bearing

This precision-engineered deep groove ball bearing is designed for high-speed applications and radial load support. It features hardened steel races and precision-ground balls for smooth operation and an extended lifespan.



## Overview

### Deep Groove Ball Bearing 6000

This precision-engineered deep groove ball bearing is designed for high-speed applications and efficient radial load support. It features hardened steel races and precision-ground balls to ensure smooth operation, minimal noise, and an extended service lifespan. Ideal for use in electric motors, gearboxes, pumps, and various industrial machinery, this component is built to withstand demanding operational conditions.

## Technical Specifications

### Dimensions

**10 mm**

Inner Diameter (d)

**26 mm**

Outer Diameter (D)

**8 mm**

Width (B)

Bearing Number	6000
Mass	0.019 kg
Key Features	High-Speed Application, Radial Load Support, Hardened Steel Races, Precision-Ground

## Performance Ratings

### Basic Load Ratings

Type	Rating	Unit
Dynamic Load (Cr)	4.55	KN
Static Load (Cor)	1.96	KN

### Limiting Speed

**29000 r.m.p**

Grease

**34000 r.m.p**

Oil