

# 6705 Deep Groove Ball Bearing

This deep groove ball bearing is engineered to handle radial loads and moderate axial loads. The bearing features a robust design with solid rings and a ball and cage assembly.



## Product Overview

### Versatile Deep Groove Ball Bearing

The 6705 deep groove ball bearing is a robust, versatile component designed for precision instruments, low-noise motors, and general machinery. Featuring a simple yet effective design, it is capable of handling both radial and moderate axial loads with a low coefficient of friction. These bearings are engineered for high limiting speeds and are available in various structural configurations to suit diverse industrial applications.

## Technical Specifications

### Tolerance Level

ABEC-1 (P0) • ABEC-3 (P6)

### Noise Level Options

- EMQ V1 Z2
- EMQ V2 Z3
- EMQ V3 Z4
- EMQ V4

### Material

GCR15, GCR12

### Seal/Shield Options

Open, Z, ZZ, RZ, 2RZ, RS, 2RS

## Performance Metrics

### Load Handling

**1 Radial**

Primary Load

**1 Moderate Axial**

Secondary Load

## Logistics and Packaging

### Export Packaging

- Color box
- Plastic tube
- Carton box
- Pallet

### Typical Delivery Time

25-35 days after confirming purchase order

## Applications

### Primary Applications

- Home appliances
- Low noise electric motors
- High speed electric motors
- Automotive components
- Pumps
- Machinery
- Bicycles