

Deep Groove Ball Bearing 6006-6010

These deep groove ball bearings are designed for use in electric motors and industrial applications. They are available with 2RS, ZZ, and open configurations, as well as TN, C0, C3, and C5 options.



ADDITIONAL IMAGES



Product Overview

High-Precision Deep Groove Ball Bearings

These deep groove ball bearings are designed for high-speed industrial applications, featuring a robust construction with precision-ground balls and hardened steel races. Engineered for Electric Motor Quality (EMQ), they ensure low noise and vibration levels, making them ideal for rotating machinery, gearboxes, and automotive components. With multiple sealing options and clearance grades available, these bearings provide reliable performance under both radial and axial loads.

Technical Specifications



Internal structure showing outer ring, inner ring, cage, balls, and sealing options.

Bearing Type	Deep Groove Ball Bearing
Number of Rows	Single Row
Main Material	Chrome Steel (Gcr15)
Available Models	6006, 6007, 6008, 6009, 6010, 6201-6218, 6301-6317, 6905-6909

Performance & Quality

PRODUCTS INSPECTION



Rigorous inspection including friction, visual, and pre-delivery checks.

Precision Grades

P0 • P6 • P5 • ABEC-3 • ABEC-5

Radial Internal Clearance

- C0 (Normal)
- C2
- C3 (Greater than normal)
- C5

Vibration & Noise Standards

Z1, Z2, Z3, Z4, V1, V2, V3, V4

Configuration Options

Closure & Sealing

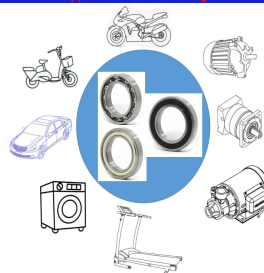
- OPEN (No shields)
- ZZ / Z (Metal shields)
- 2RS / RS (Rubber seals)
- 2RZ / RZ (Low friction seals)

Cage Material

TN (Polyamide/Nylon) or Stamping Steel

Application & Service

Application of Bearings



Common applications including electric motors and industrial machinery.

Available Services

- OEM Service
- Custom Logo Printing
- Neutral or Color Box Packing
- Sample Availability (Free for <5 pcs)

Primary Applications

Electric Motors, Automotive, Industrial Machinery, Gearboxes, Rotating Equipment

Logistics & Payment

Accepted Payment	T/T, L/C, Western Union, PayPal
Delivery Options	Sea Freight, Air Freight, Express (DHL, UPS, FedEx, TNT)