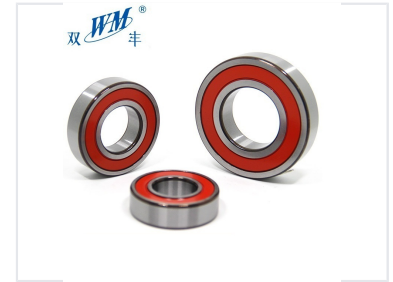


Deep Groove Ball Bearing 6206 6207 6208 6209 6210

These deep groove ball bearings are versatile and self-retaining, featuring solid outer and inner rings with ball and cage assemblies. They are suitable for high speeds and can support axial loads in both directions, as well as radial loads.



ADDITIONAL IMAGES



Overview



Detailed cross-section showing the inner ring, outer ring, cage, and ball assembly of a deep groove ball bearing.

High-Precision Deep Groove Ball Bearings

These deep groove ball bearings are versatile, self-retaining components designed for high-speed operation and robust performance in both radial and axial load applications. Available in various configurations including open, metal shielded (ZZ), and rubber sealed (2RS), they offer reliable protection against contaminants. Manufactured to Electric Motor Quality (EMQ) standards, these bearings ensure low noise and vibration, making them ideal for electric motors, pumps, and industrial machinery.

Technical Specifications

Precision Class

P0 • P6 • P5 • ABEC-3 • ABEC-5

Internal Clearance Options

- C0 (Normal)
- C2
- C3 (Increased)
- C5 (Extra High)

Available Series

6200 Series, 6300 Series, 6000 Series, 6900 Series

Primary Material

Chrome Steel (Gcr15 / SAE52100 / DIN 100 Cr6)

Performance Metrics



Rigorous inspection stages including friction, visual, and pre-delivery checks to ensure EMQ standards.

Vibration & Noise Standards

2 Z2V2

Vibration Grade

3 Z3V3

Precision Grade

Component Details

Sealing & Shielding

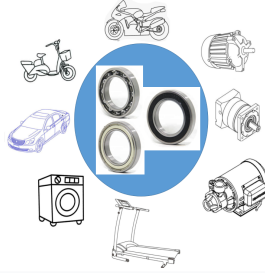
- OPEN (Unshielded)
- ZZ (Double Metal Shields)
- 2RS (Double Rubber Seals)
- TN (Polyamide/Nylon Cage)

Seal Material Properties

Material	Temp Range	Key Feature
Nitrile Rubber (NBR)	-40 to +120°C	Oil resistivity, high ductility
Silastic (VMQ)	-70 to +200°C	Heat and ozone resistance
Fluoro Rubber (FKM)	-28 to +200°C	Chemical corrosion resistance

Applications

Application of Bearings



Visual representation of common applications including electric motors and industrial equipment.

Recommended Use Cases

Electric Motors, Automotive, Gearboxes, Pumps, Industrial Machinery

Logistics & Service

Packaging Types

- Industrial Packing
- Neutral Box
- Color Box
- Custom Logo Printing

Manufacturing Services

Yes

Accepted Payment Methods

T/T, L/C, Western Union, PayPal