

Motor Ball Bearings 6014 6015 6016 6017 6018

These ball bearings are designed for use in electric motors and other rotating machinery. They are available in multiple sizes and configurations to suit a variety of applications.



ADDITIONAL IMAGES



Product Overview



High-Precision Deep Groove Ball Bearings

These versatile deep groove ball bearings are designed for high-speed motor applications, featuring a robust construction with precision-engineered balls and races. They are capable of handling both radial and axial loads while maintaining low frictional torque for smooth operation. Available in multiple sealing configurations and precision grades, these bearings are ideal for electric motors, automotive machinery, and industrial equipment.

Technical Specifications

Precision Grades

P0 • P5 • P6 • ABEC-3 • ABEC-5

Sealing & Shielding

- 2RS (Rubber Sealed)
- ZZ (Metal Shielded)
- OPEN (Unsealed)
- Z (Single Metal Shield)
- RS (Single Rubber Seal)

Available Series

6000 Series, 6200 Series, 6300 Series, 6900 Series

Main Material

Chrome Steel (Gcr15)

Internal Clearance Options

C0, C2, C3, C5

Performance Metrics

Vibration & Noise Levels

2 V

Vibration Grade

3 Z

Noise Grade

Performance Standards

ZV2, ZV3, EMQ (Electric Motor Quality)

Materials & Components

Seal Material Options

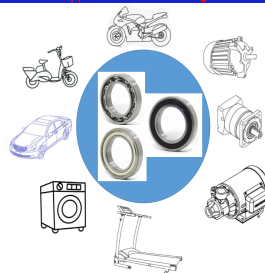
Material Type	Temp Range	Key Feature
Nitrile Rubber (NBR)	-40 to +120°C	Oil resistivity
Silastic (VMQ)	-70 to +200°C	High temp resistance
Fluoro Rubber (FKM)	-28 to +200°C	Chemical corrosion resistance

Cage Construction

Stamping Steel or TN (Polyamide)

Applications

Application of Bearings





Recommended Uses

- Electric Motors
- Automotive Components
- Industrial Machinery
- Household Appliances

Logistics & Service

6300 Series Industrial Packing Details

Model	MOQ. Carton	Industrial Packing	Quantity per Carton PCS	Packing Photo
6301	1		400	
6302	1		300	
6303	1		250	
6304	1		200	
6305	1		120	
6306	1		60	
6307	1		50	
6308	1		45	
6309	1		30	

Packing Methods

Neutral Packing, Color Box, Industrial Bulk Packing

Accepted Payment

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