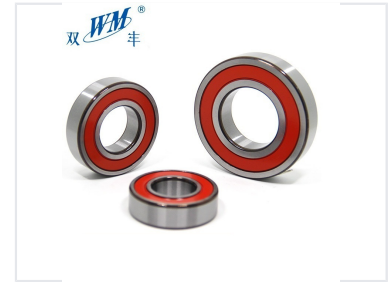
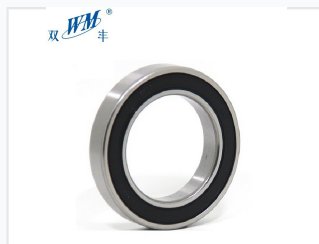


Deep Groove Ball Bearings 6311-6315

These deep groove ball bearings are available in sizes 6311, 6312, 6313, 6314, and 6315. They feature options for 2RS, ZZ, and open designs, with TN cage and C0/C3/C5 clearance choices.



ADDITIONAL IMAGES



Overview



High-Precision Deep Groove Ball Bearings

These deep groove ball bearings are versatile, self-retaining components designed for high-speed applications and robust operation. Engineered to support both radial and axial loads in both directions, they are particularly suited for electric motors, gearboxes, and industrial machinery. Available in multiple configurations including open, shielded (ZZ), and sealed (2RS) variants, these bearings ensure reliable performance and extended service life in demanding environments.

Technical Specifications

PRODUCTS INSPECTION



Core Materials

- Rings & Rollers: Chrome Steel (Gcr15 / SAE52100 / DIN 100 Cr6)
- Cage: Stamping Steel (JISG 3141 / SPCC) or Polyamide (TN)
- Seals: Nitrile Rubber (NBR), Silastic, or Fluoro Rubber (FKM)

Quality Standards

5 P

Precision Grade (P5/P6)

3 V

Vibration Level (V3/V2)

3 Z

Noise Level (Z3/Z2)

Internal Clearance Options

C0 • C2 • C3 • C5

Available Series

6000 Series, 6200 Series, 6300 Series, 6900 Series

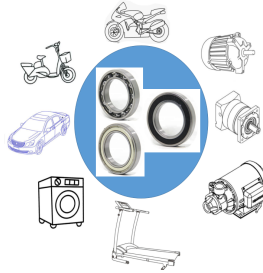
Performance Data

6300 Series Technical Parameters

| Model | Bore (d) mm | OD (D) mm | Width (B) mm | Dynamic Load (Cr) kN | Max Speed (RPM) |
|-------|-------------|-----------|--------------|----------------------|-----------------|
| 6301 | 12 | 37 | 12 | 7.48 | 17000 |
| 6302 | 15 | 42 | 13 | 8.8 | 16000 |
| 6303 | 17 | 47 | 14 | 10.45 | 15000 |
| 6304 | 20 | 52 | 15 | 12.26 | 13000 |
| 6305 | 25 | 62 | 17 | 17.22 | 10000 |
| 6306 | 30 | 72 | 19 | 20.77 | 9000 |

Application & Usage

Application of Bearings



Primary Applications

- Electric Motors (EMQ Quality)
- Automotive Components
- Industrial Gearboxes
- Water Pumps
- Household Appliances

Logistics & Service



Service & Logistics

- OEM Service Available
- Neutral or Color Box Packing
- Free Samples (up to 5 pcs)
- Full Production Capacity

Accepted Payment

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