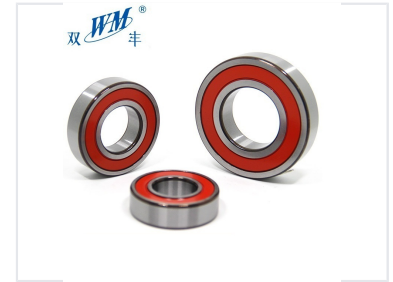
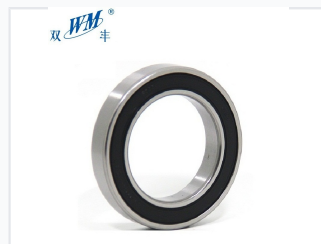


# Deep Groove Ball Bearings 6311-6315

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

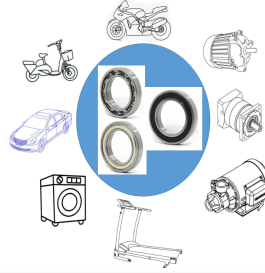
## Performance Data

### 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