

# Deep Groove Ball Bearing 6301RS

This single row deep groove ball bearing is designed for various industrial applications. It is constructed with high-quality steel for durability and smooth operation.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Deep Groove Ball Bearing

This deep groove ball bearing is engineered for high-speed rotation and reliable performance across demanding industrial environments. Featuring a robust design with rubber seals on both sides, it effectively prevents dust ingress while retaining lubricant for extended service life. It is an ideal solution for automotive, agricultural, and general industrial machinery requiring smooth operation and durability.

## Technical Specifications

### Dimensions

Parameter	Value	Unit
Inner Diameter	12	mm
Outer Diameter	32	mm
Width	10	mm

### Performance Metrics

**6 P6**

Quality Grade

**4 Z4V4**

Vibration Grade

## Features & Construction

### Key Features

- High temperature resistance
- Fast rotation speed capability
- Enhanced sealing effect with rubber shields
- Dust-protective design

### Certifications

ISO 14001, ISO 9001, IATF 16949

## Applications

### Common Applications

Automotive • Motorcycle • Home Appliances • Industrial Motors • Textile Machinery • Agricultural Equipment