

# 6209ZZ Deep Groove Ball Bearing

The 6209ZZ deep groove ball bearing is designed to accommodate radial and axial loads in both directions. Its ZZ designation signifies metal shields on both sides for enhanced protection and lubricant retention.



## Product Overview

### High-Performance Deep Groove Ball Bearing

The 6209ZZ deep groove ball bearing is a versatile and reliable component designed for a wide range of industrial applications. Featuring a deep groove raceway, it is engineered to accommodate both radial and axial loads in both directions, even at high speeds. With metal shields on both sides, this bearing offers excellent protection against contaminants while ensuring low noise and low vibration operation.

## Key Features

### Performance Features

High Precision, Low Noise, Low Vibration, Pre-lubricated, Dual Metal Shields

## Technical Specifications

### Load Handling

- Accommodates radial loads
- Accommodates axial loads in both directions
- Suitable for high-speed operation

### Shielding

ZZ (Metal Shields)

### Design Notes

Features deep groove raceway geometry; includes pre-lubrication for maintenance reduction.