

# 6219 Deep Groove Ball Bearing

This deep groove ball bearing offers low friction and minimal noise during operation. It is designed to run smoothly while maintaining a lower operating temperature and conserving lubricant.



## ADDITIONAL IMAGES



## Overview

### High-Performance 6219 Deep Groove Ball Bearing

The 6219 Deep Groove Ball Bearing is engineered for smooth, reliable operation in demanding industrial environments. Featuring a robust design with hardened steel races and precision-ground balls, it excels in applications requiring low friction, low noise, and high-speed efficiency. This versatile bearing is capable of handling both radial and axial loads, making it an essential component for motors, gearboxes, and general machinery.

## Technical Features

### Construction Components

- Inner Raceway (Inner Ring)
- Outer Raceway (Outer Ring)
- Rolling Balls
- Cage

### Load Handling

- Primary Radial Load
- Secondary Axial Load
- Bidirectional Axial Movement Limitation

### Key Advantages

Low Friction, Low Noise, Smooth Operation, Lubricant Saving, Low Operating Temperature

## Applications

### Common Applications

Electric Motors • Automotive • Aerospace • Medical Equipment • Textile Machinery • Mining Machinery • Woodworking • Fitness Equipment

## Configuration

### Available Structural Variants

- Single row deep groove
- Single row with dust cover
- Single row with dust cover and ring
- Outer ring with groove and snap ring