

Deep Groove Radial Ball Bearing 6309

This single row deep groove ball bearing is crafted from GCr15 chrome steel. It is designed to provide reliable performance in electric motors, pumps, and gearboxes.



ADDITIONAL IMAGES



Product Overview

High-Performance Deep Groove Ball Bearing

The 6309 deep groove radial ball bearing is engineered for high-speed and high-temperature industrial applications. Featuring a robust single-row design, it is constructed from premium GCr15 chrome steel to ensure durability and reliability. This bearing is optimized for smooth, low-noise operation, making it an ideal component for electric motors, pumps, and gearboxes.

Technical Specifications

Bearing Type	Single row deep groove ball bearing
Material	GCr15, 100% chrome steel
Quality Standards	ABEC-3, Z3V2, C0, EMQ Quality

Performance Features

Key Performance Metrics



Operational Benefits

- Low noise operation
- High speed capability
- High temperature resistance
- High radial load capacity
- Moderate axial load capacity

Applications

Suitable Applications

Electric Motors • Gearboxes • Pumps • Rotating Machinery