

6305 EMQ Deep Groove Ball Bearing

The 6305 EMQ deep groove ball bearing is designed for low-noise operation. Manufactured to Electric Motor Quality (EMQ) standards, it minimizes vibration, making it suitable for electric motors and various industrial applications.



ADDITIONAL IMAGES



Product Overview

High-Precision EMQ Series

The 6305 EMQ Deep Groove Ball Bearing is engineered specifically for Electric Motor Quality (EMQ) standards, ensuring exceptionally low noise and vibration levels during operation. Constructed from high-grade GCr15 chrome steel, this bearing is designed for high-speed performance and extended service life in demanding industrial environments. Its deep groove geometry allows it to accommodate both radial and axial loads efficiently, making it a reliable choice for electric motors, pumps, and gearboxes.

Technical Specifications

Bearing Type	Deep Groove Ball Bearing
Model Number	6305
Precision Grade	ABEC-3
Vibration Grade	Z3V2
Radial Clearance	C0

Material & Construction

Material	GCr15, 100% Chrome Steel
Ball Quality	G10 Chrome Steel

Key Features

Performance Benefits

- Low noise operation
- High speed capability
- Extended service life
- High radial load capacity

Suitable Applications

Electric Motors • Pumps • Gearboxes • Rotating Machinery