

6000 Series Deep Groove Radial Ball Bearing

This deep groove ball bearing is designed for high-speed operation and minimal friction. It is suitable for use in electric motors, gearboxes, pumps, and various industrial machinery.



ADDITIONAL IMAGES



Overview

6000 Series Deep Groove Radial Ball Bearings

The 6000 series deep groove radial ball bearing is a versatile, single-row component engineered for high-speed operation and low friction. Constructed from high-carbon chromium bearing steel (GCr15/AISI 52100), these bearings are designed to handle both radial and axial loads efficiently. With precision-ground raceways and hardened steel balls, they offer reliable performance and extended service life in demanding industrial environments.

Technical Specifications

Available Models

- 608
- 6000
- 6001
- 6002
- 6003
- 6004
- 6005

Quality Grade

Z4V4 • P6

Cage Material

- Steel plates
- Nylon

Material Composition

GCr15, JIS SUJ2, AISI 52100, High-carbon chromium steel

Internal Clearance

C2, C0, C3, C4, C5

Certifications

IATF16949