

Deep Groove Ball Bearing KOYO6305

This deep groove ball bearing is suitable for high speeds and accommodates radial and axial loads in both directions. The KOYO6305 bearing features precision-ground raceways and high-quality steel balls for smooth operation and extended service life.



Overview

High-Performance Deep Groove Ball Bearing

This deep groove ball bearing is engineered for high-speed applications, offering exceptional durability and reliability. Designed to accommodate both radial and axial loads in either direction, it requires minimal maintenance while ensuring smooth, quiet operation. Constructed from high-quality bearing steel, it is an ideal component for demanding industrial machinery, electric motors, and pumps.

Technical Specifications

Bore Diameter Range

1 mm

Min

1800 mm

Max

Material Composition

- GCr15
- SiMn

Retainer Materials

Copper • Nylon • Bakelite • Stainless Steel

Precision Level

P4, P5, P6, P0, ABEC7, ABEC5, ABEC3, ABEC1

Features & Applications

Key Features

- Low noise operation
- Extended service life
- High precision engineering
- Versatile load accommodation

Industry Applications

- Machine tools
- Electrical equipment
- Railways
- Automotive
- Construction machinery

Quality & Compliance

Quality Standards

ISO9000

Logistics

Packaging Method

Plastic bag + single box + carton + pallet