

NU315EM Cylindrical Roller Bearing

This cylindrical roller bearing has an inner diameter of 75mm, an outer diameter of 160mm, and a thickness of 37mm. It is suitable for general applications and characterized by high-temperature resistance.



Product Overview

High-Capacity Cylindrical Roller Bearing

The NU315EM is a high-performance cylindrical roller bearing designed to handle substantial radial loads with minimal friction. Its separable ring design facilitates easier assembly and disassembly, making it an ideal choice for demanding industrial environments. Built for reliability, this bearing is well-suited for applications ranging from electric motors and gear shafts to machine tool spindles.

Technical Specifications

Available Cage Types

- EM: Double assembly machine process copper cage
- EM: Pressed steel cage
- EP: Nylon cage

Clearance Classes

CN • C2 • C3 • C4 • C5

Material

Gcr15

Precision Standards

ABEC-1, ABEC-3, ABEC-5

Performance Features

Performance Highlights

1 Low

Friction Factor

100 High

Radial Load Capacity

Design Advantages

- Line contact between roller and raceway for heavy load capacity
- High limiting speed comparable to deep groove ball bearings
- Separable inner and outer rings for simplified maintenance

Application & Logistics

Typical Applications

- Electric motors
- Generators
- Internal combustion engines
- Gas turbines
- Machine tool spindles
- Deceleration devices
- Material handling machinery

Packaging

Individual box, single plastic bag, cartons, and wooden cases