

# NU314 EM Four-Point Angular Contact Ball Bearing 95x200x45mm

This four-point angular contact ball bearing is designed to handle both high axial and radial loads. Its precision-engineered ball bearings and raceways ensure smooth operation and extended service life.



## Product Overview

### High-Performance Cylindrical Roller Bearing

The NU314 EM is a high-capacity cylindrical roller bearing designed to handle significant radial and impact loads with a low coefficient of friction. Its separable inner and outer rings facilitate easy assembly and disassembly, making it an ideal choice for demanding industrial applications. Engineered for durability and precision, this bearing supports high-speed operation comparable to deep groove ball bearings.

## Technical Specifications

### Dimensions

|                                |                                 |                       |
|--------------------------------|---------------------------------|-----------------------|
| <b>95 mm</b><br>Inner Diameter | <b>200 mm</b><br>Outer Diameter | <b>45 mm</b><br>Width |
|--------------------------------|---------------------------------|-----------------------|

### Precision Level

ABEC-1 • ABEC-3 • ABEC-5

### Material

Gcr15

### Available Clearances

CN, C2, C3, C4, C5

## Design & Construction

### Cage Classification

- EM: Machine process copper cage
- EM: Pressed steel cage
- EP: Nylon cage

### Structure Types

NU, N, NJ, NF, NUP, NH, NCL, NNU, NNCF, NNCL, NNCS, FC, FCD, FCDP

## Applications

### Main Applications

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