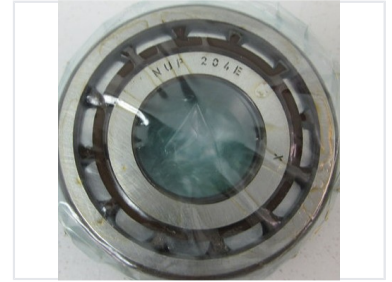


NUP 204 Cylindrical Roller Bearing

Cylindrical roller bearings utilize cylinders as rolling elements. This bearing is characterized by high radial load capacity and is suitable for high speeds.



Product Overview

NUP 204 Cylindrical Roller Bearing

The NUP 204 is a precision-engineered cylindrical roller bearing designed for high radial load capacity and high-speed operation. Featuring the NUP configuration, this bearing is specifically designed to handle axial loads in both directions, making it a versatile component for industrial machinery and gearboxes. Its compact dimensions and robust construction ensure reliable performance in demanding mechanical applications.

Technical Specifications

Dimensional Data

| Dimension | Value (mm) |
|----------------------------|------------|
| Bore Diameter (d) | 20 |
| Outer Diameter (D) | 47 |
| Width (B) | 14 |
| Under Roller Diameter (Fw) | 26.5 |
| Chamfer (r) | 1 |
| Chamfer (R1) | 0.6 |

Performance Metrics

Load Ratings

25700 N

Dynamic Load (Cr)

22600 N

Static Load (C0r)

Limiting Speed

- Grease Lubrication: 13,000 RPM
- Oil Lubrication: 16,000 RPM

Physical Properties

| | |
|--------------------|----------|
| Approximate Weight | 0.107 kg |
|--------------------|----------|

Mounting Dimensions

Mounting Dimensions

| Parameter | Value (mm) |
|-----------|------------|
| da | 25 |
| db | 24 |
| dc | 29 |
| dd | 32 |
| Da | 42 |
| ra | 1 |
| rb | 0.6 |