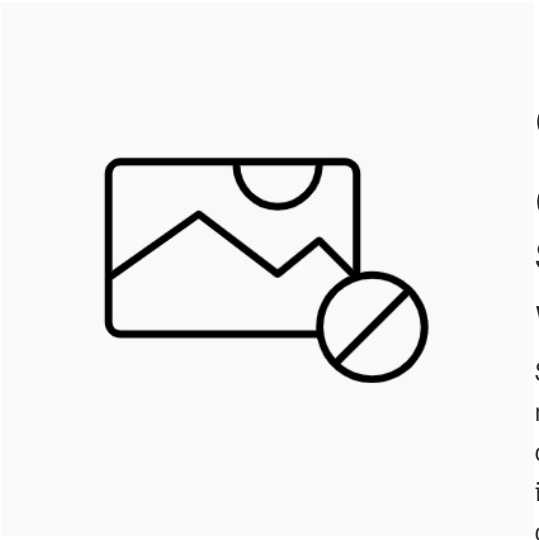


NUP 309 ECNJ/C3VM004Single row cylindrical roller bearing, NUP design, with snap ring groove

Single row cylindrical roller bearing, NUP design, with snap ring groove

Single row cylindrical roller bearings are designed to accommodate high radial loads in combination with high speeds. Having two integral flanges on the outer ring and one integral flange and one loose flange ring on the inner ring, NUP design bearings can locate the shaft axially in both directions. An annular groove in the outer ring enables the bearings to retain a snap ring. An important feature is the separable design, which facilitates mounting and enables the bearing components to be interchanged.

- High radial load carrying capacity
- Low friction
- Long service life
- Locate the shaft axially in both directions
- Separable design

Overview

Dimensions

Bore diameter	45 mm
Outside diameter	100 mm
Width	25 mm

Performance

Basic dynamic load rating	112 kN
Basic static load rating	100 kN
Reference speed	7 500 r/min
Limiting speed	8 500 r/min

Properties

Bearing part	Complete bearing
Axial displacement capability	None
Number of rows	1
Locating feature, bearing outer ring	Snap ring groove
Bore type	Cylindrical
Cage	Sheet metal
Number of flanges, outer ring	2
Number of flanges, inner ring	1
Loose flange	Inner ring loose

	flange
Radial internal clearance	C3
Tolerance class	Normal
Coating	Without
Sealing	Without
Lubricant	None
Relubrication feature	Without

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