



NJ 2204 ECP/VB021 Single row cylindrical roller bearing, NJ design

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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 on the inner ring, NJ design bearings can accommodate axial displacement in one direction. 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 one direction
- Separable design

Overview

Dimensions

Bore diameter	20 mm
Outside diameter	47 mm
Width	18 mm

Performance

Basic dynamic load rating	34.5 kN
Basic static load rating	27.5 kN
Reference speed	17 000 r/min
Limiting speed	19 000 r/min

Properties

Bearing part	Complete bearing
Axial displacement capability	In one direction
Number of rows	1
Locating feature, bearing outer ring	None
Bore type	Cylindrical
Cage	Non-metallic
Number of flanges, outer ring	2
Number of flanges, inner ring	1
Loose flange	None
Radial internal clearance	CN
Coating	Without
Sealing	Without
Lubricant	None

Relubrication feature

Without

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