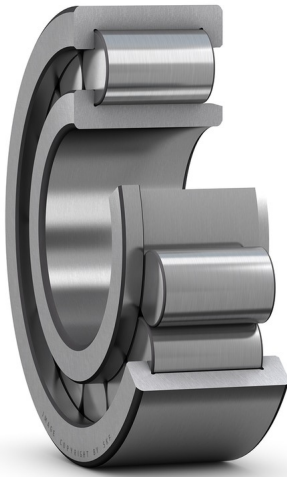


# NJ 2004 EV/C3 Single row cylindrical roller bearing, NJ design

## Single row cylindrical roller bearing, NJ design



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	42 mm
Width	14 mm

### Performance

Basic dynamic load rating	25.5 kN
Basic static load rating	25.5 kN
Reference speed	17 000 r/min
Limiting speed	20 000 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	Without
Number of flanges, outer ring	2
Number of flanges, inner ring	1
Loose flange	None
Radial internal clearance	C3
Tolerance class	Normal
Coating	Without
Sealing	Without

Lubricant

None

Relubrication feature

Without

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