

NJ 318 ECJ/C3



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	90 mm
Outside diameter	190 mm
Width	43 mm

Performance

Basic dynamic load rating	365 kN
Basic static load rating	360 kN
Reference speed	3 800 r/min
Limiting speed	4 500 r/min
SKF performance class	SKF Explorer

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	Sheet metal
Number of flanges, outer ring	2
Number of flanges, inner ring	1
Loose flange	None
Radial internal clearance	C3
Coating	Without
Sealing	Without
Lubricant	None
Relubrication feature	Without

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