



# NJ 311 ECP/C4

## 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	55 mm
Outside diameter	120 mm
Width	29 mm

### Performance

Basic dynamic load rating	156 kN
Basic static load rating	143 kN
Limiting speed	7 000 r/min
Reference speed	6 000 r/min

## Properties

Axial displacement capability	In one direction
Bearing part	Complete bearing
Bore type	Cylindrical
Cage	Non-metallic
Coating	Without
Locating feature, bearing outer ring	None
Loose flange	None
Lubricant	None
Number of flanges, inner ring	1
Number of flanges, outer ring	2
Number of rows	1
Radial internal clearance	C4
Relubrication feature	Without

SKF performance class

SKF Explorer

Sealing

Without

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