

# NU 2314 ECML/C3 Single row cylindrical roller bearing, NU 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 no flanges on the inner ring, NU design bearings can accommodate axial displacement in both directions. 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
- Accommodate axial displacement in both directions
- Separable design

## Overview

### Dimensions

Bore diameter	70 mm
Outside diameter	150 mm
Width	51 mm

### Performance

Basic dynamic load rating	315 kN
Basic static load rating	325 kN
Reference speed	4 800 r/min
Limiting speed	8 500 r/min
SKF performance class	SKF Explorer

### Properties

Bearing part	Complete bearing
Axial displacement capability	In both directions
Number of rows	1
Locating feature, bearing outer ring	None
Bore type	Cylindrical
Cage	Machined metal
Number of flanges, outer ring	2
Number of flanges, inner ring	0
Loose flange	None
Radial internal clearance	C3
Coating	Without
Sealing	Without
Lubricant	None

Relubrication feature

Without

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