

Image may differ from product. See technical specification for details.

# NU 321 ECJ/C3

## Single row cylindrical roller bearing, NU 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 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 | 105 mm |
| Outside diameter | 225 mm |
| Width | 49 mm |

## Performance

| | |
|---|---|
| Basic dynamic load rating | 500 kN |
| Basic static load rating | 500 kN |
| Reference speed | 3 200 r/min |
| Limiting speed | 3 800 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 | Sheet metal |
| Number of flanges, outer ring | 2 |
| Number of flanges, inner ring | 0 |
| Loose flange | None |
| Radial internal clearance | C3 |
| Tolerance class | Normal |
| Coating | Without |
| Sealing | Without |
| Lubricant | None |
| Relubrication feature | Without |

## Logistics

| | |
|---|---|
| Product net weight | 8.56 kg |
| eClass code | 23-05-09-01 |

| | |
|---|---|
| UNSPSC code | 31171505 |

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