

# NU 210 ECKP/C3



## Single row cylindrical roller bearing, NU design, with tapered bore

Single row cylindrical roller bearings are designed to accommodate high radial loads in combination with high speeds. The tapered bore enables the bearings to be mounted on a tapered shaft seat or on a cylindrical shaft seat using an adapter or withdrawal sleeve. 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    | 50 mm |
| Outside diameter | 90 mm |
| Width            | 20 mm |

### Performance

|                           |              |
|---------------------------|--------------|
| Basic dynamic load rating | 73.5 kN      |
| Basic static load rating  | 69.5 kN      |
| Reference speed           | 8 500 r/min  |
| Limiting speed            | 9 000 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                            | Tapered 1:12       |
| Cage                                 | Non-metallic       |
| 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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