

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

# 24164 CC/C3W33

## Spherical roller bearing with relubrication features

Spherical roller bearings can accommodate heavy loads in both directions. They are self-aligning and accommodate misalignment and shaft deflections, with virtually no increase in friction or temperature. The design includes features to facilitate relubrication. The bearings can be used in a modular system, including housings, sleeves and nuts. Also available on request with special sized bore and/or outside diameters, suitable for reworked shafts and housings.

- Accommodate misalignment
- High load carrying capacity
- Relubrication features
- Low friction and long service life
- Increased wear resistance

# Overview

## Dimensions

| | |
|---|---|
| Bore diameter | 320 mm |
| Outside diameter | 540 mm |
| Width | 218 mm |

## Performance

| | |
|---|---|
| Basic dynamic load rating | 4 395 kN |
| Basic static load rating | 7 100 kN |
| Reference speed | 500 r/min |
| Limiting speed | 700 r/min |
| SKF performance class | SKF Explorer |

## Properties

| | |
|---|---|
| Number of rows | 2 |
| Locating feature, bearing outer ring | Without |
| Bore type | Cylindrical |
| Cage | Sheet metal |
| Radial internal clearance | C3 |
| Tolerance class for dimensions | Normal |
| Tolerance class for run-out | Normal |
| Sealing | Without |
| Lubricant | None |
| Relubrication feature | With |
| Candidate for remanufacturing | Yes |
| Indicative carbon footprint for new product | 741 kg $CO_2e$ |
| Indicative carbon footprint for remanufactured product | 246 kg $CO_2e$ |

## Logistics

| | |
|---|---|
| Product net weight | 200 kg |
| eClass code | 23-05-09-11 |
| UNSPSC code | 31171510 |

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