

# 22314 E/C3



## 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.

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

## Overview

### Dimensions

|                  |        |
|------------------|--------|
| Bore diameter    | 70 mm  |
| Outside diameter | 150 mm |
| Width            | 51 mm  |

## Performance

|                           |              |
|---------------------------|--------------|
| Basic dynamic load rating | 413 kN       |
| Basic static load rating  | 430 kN       |
| Reference speed           | 3 400 r/min  |
| Limiting speed            | 4 500 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          | P5          |
| Sealing                              | Without     |
| Lubricant                            | None        |
| Relubrication feature                | With        |

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