



Image may differ from product. See specification for details.

## 22224 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    | 4.7244 in |
| Outside diameter | 8.4646 in |
| Width            | 2.2835 in |

Performance

|                           |              |
|---------------------------|--------------|
| Basic dynamic load rating | 146 575 lbf  |
| Basic static load rating  | 175 351 lbf  |
| Reference speed           | 2 800 r/min  |
| Limiting speed            | 3 800 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                      |
| Candidate for remanufacturing                          | Yes                       |
| Indicative carbon footprint for new product            | 70.8 lb CO <sub>2</sub> e |
| Indicative carbon footprint for remanufactured product | 24.8 lb CO <sub>2</sub> e |

Logistics

|                    |             |
|--------------------|-------------|
| Product net weight | 19.7 lb     |
| eClass code        | 23-05-09-11 |
| UNSPSC code        | 31171510    |



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