



Image may differ from product. See specification for details.

## 22210 E/C2

### 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    | 1.9685 in |
| Outside diameter | 3.5433 in |
| Width            | 0.9055 in |

## Performance

|                           |              |
|---------------------------|--------------|
| Basic dynamic load rating | 24 055 lbf   |
| Basic static load rating  | 24 279 lbf   |
| Reference speed           | 7 000 r/min  |
| Limiting speed            | 9 500 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                   | C2                        |
| Tolerance class for dimensions              | Normal                    |
| Tolerance class for run-out                 | P5                        |
| Sealing                                     | Without                   |
| Lubricant                                   | None                      |
| Relubrication feature                       | With                      |
| Indicative carbon footprint for new product | 4.89 lb CO <sub>2</sub> e |

## Logistics

|                    |             |
|--------------------|-------------|
| Product net weight | 1.36 lb     |
| eClass code        | 23-05-09-11 |
| UNSPSC code        | 31171510    |



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