



## SKF 23196 CA/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.

## Technical specifications

| Dimensions       |        |
|------------------|--------|
| Bore diameter    | 480 mm |
| Outside diameter | 790 mm |
| Width            | 248 mm |

| Performance               |              |
|---------------------------|--------------|
| Basic dynamic load rating | 7362 kN      |
| Basic static load rating  | 12000 kN     |
| Reference speed           | 400 r/min    |
| Limiting speed            | 750 r/min    |
| SKF performance class     | SKF Explorer |

| Properties                                             |                           |
|--------------------------------------------------------|---------------------------|
| Number of rows                                         | 2                         |
| Locating feature, bearing outer ring                   | Without                   |
| Bore type                                              | Cylindrical               |
| Cage                                                   | Machined brass            |
| 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            | 1746 kg CO <sub>2</sub> e |
| Indicative carbon footprint for remanufactured product | 611 kg CO <sub>2</sub> e  |

| Logistics          |             |
|--------------------|-------------|
| Product net weight | 485 kg      |
| eClass code        | 23-05-09-11 |
| UNSPSC code        | 31171510    |