



Image may differ from product. See specification for details.

## 453328 M2/W502

### 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    | 5.5118 in |
| Outside diameter | 11.811 in |
| Width            | 4.6457 in |

Performance

|                           |             |
|---------------------------|-------------|
| Basic dynamic load rating | 274 267 lbf |
| Basic static load rating  | 388 919 lbf |
| Reference speed           | 1 500 r/min |
| Limiting speed            | 2 200 r/min |

Properties

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Number of rows                                         | 2                        |
| Locating feature, bearing outer ring                   | Without                  |
| Bore type                                              | Cylindrical              |
| Cage                                                   | Machined brass           |
| Radial internal clearance                              | C4                       |
| 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            | 325 lb CO <sub>2</sub> e |
| Indicative carbon footprint for remanufactured product | 114 lb CO <sub>2</sub> e |

Logistics

|                    |             |
|--------------------|-------------|
| Product net weight | 90.2 lb     |
| eClass code        | 23-05-09-11 |
| UNSPSC code        | 31171510    |



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