

22310 E/W64

Spherical roller bearing with Solid Oil



NOT FOUND

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. Solid Oil bearings are designed for applications where high levels of moisture, incidental contact with water and other contaminants are real issues. They are also an excellent choice for applications where relubrication is impractical or dangerous.

- Accommodate misalignment
- High load carrying capacity
- Low friction and long service life
- Increased wear resistance
- Relubrication-free solution for wet environments

Overview

Dimensions

| | |
|------------------|--------|
| Bore diameter | 50 mm |
| Outside diameter | 110 mm |
| Width | 40 mm |

Performance

| | |
|-------------------------------|---|
| Basic dynamic load rating | 228 kN |
| Basic static load rating | 224 kN |
| Limiting speed | 500 r/min |
| Note | Limiting speed at 20 °C (70 °F) ambient temperature |
| Maximum operating temperature | 85 °C |
| 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 | CN |
| Tolerance class for dimensions | Normal |
| Tolerance class for run-out | P5 |
| Sealing | Without |
| Lubricant | Solid Oil |
| Relubrication feature | With |

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