

# 22211 EK/W64



## Spherical roller bearing with Solid Oil and tapered bore

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	55 mm
Outside diameter	100 mm
Width	25 mm

### Performance

Basic dynamic load rating	129 kN
Basic static load rating	127 kN
Limiting speed	530 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	Tapered 1:12
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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