

32224

Single row tapered roller bearing



Single row tapered roller bearings are designed to accommodate combined radial and axial loads and provide low friction during operation. The inner ring, with rollers and cage, can be mounted separately from the outer ring. These separable and interchangeable components facilitate mounting, dismounting and maintenance. By mounting one single row tapered roller bearing against another and applying a preload, a rigid bearing application can be achieved.

- High radial and axial load carrying capacity
- Accommodate axial loads in one direction
- Low friction and long service life
- Separable and interchangeable components

Overview

Dimensions

Bore diameter	120 mm
Contact angle	16.172 °
Outside diameter	215 mm
Width, inner ring	58 mm
Width, outer ring	50 mm
Width, total	61.5 mm

Performance

Basic dynamic load rating	573 kN
Basic static load rating	695 kN
Limiting speed	3 000 r/min
Reference speed	2 400 r/min
SKF performance class	SKF Explorer

Properties

Arrangement of contact angle (double-row bearing)	Not applicable
Bearing part	Complete bearing
Bore type	Cylindrical
Cage	Sheet metal
Coating	Without
Locating feature, bearing outer ring	None
Lubricant	None
Matched arrangement	No
Number of rows	1
Relubrication feature	Without
Sealing	Without
Sealing type	Not applicable

Technical Specification

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