

32005 X/QVB015 Single row tapered roller bearing



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	25 mm
Outside diameter	47 mm
Width, total	15 mm
Width, inner ring	15 mm
Width, outer ring	11.5 mm
Contact angle	16 °

Performance

Basic dynamic load rating	27 kN
Basic static load rating	32.5 kN
Reference speed	11 000 r/min
Limiting speed	14 000 r/min

Properties

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

Lubricant

None

Relubrication feature

Without

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