

LM 12749/710/VU990Single row tapered roller bearing, inch size

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Single row tapered roller bearings, inch sizes, 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	22 mm
Outside diameter	45.237 mm
Width, total	16.637 mm
Width, inner ring	16.637 mm
Width, outer ring	12.065 mm
Contact angle	11.533 °

Performance

Basic dynamic load rating	33.9 kN
Basic static load rating	31 kN
Reference speed	12 000 r/min
Limiting speed	15 000 r/min
SKF performance class	SKF Explorer

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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