

LM 11749/710/Q Single 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	17.462 mm
Outside diameter	39.878 mm
Width, total	14.605 mm
Width, inner ring	14.605 mm
Width, outer ring	10.668 mm
Contact angle	10.8 °

Performance

Basic dynamic load rating	21.2 kN
Basic static load rating	20.8 kN
Reference speed	13 000 r/min
Limiting speed	20 000 r/min

Properties

Bearing part	Complete bearing
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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