



# LM 67048/010/VU990 Single row

## tapered roller bearing, inch size

### Single row tapered roller bearing, inch size

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	31.75 mm
Outside diameter	59.131 mm
Width, total	16.77 mm
Width, inner ring	16.77 mm
Width, outer ring	11.811 mm
Contact angle	15.367 °

## Performance

Basic dynamic load rating	37.2 kN
Basic static load rating	41.5 kN
Reference speed	8 500 r/min
Limiting speed	11 000 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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