



Image may differ from product. See technical specification for details.

## 683/672/Q

### 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     | 95.25 mm   |
| Outside diameter  | 168.275 mm |
| Width, total      | 41.275 mm  |
| Width, inner ring | 41.275 mm  |
| Width, outer ring | 30.162 mm  |
| Contact angle     | 17.417 °   |

Performance

|                           |             |
|---------------------------|-------------|
| Basic dynamic load rating | 233 kN      |
| Basic static load rating  | 365 kN      |
| Reference speed           | 2 800 r/min |
| Limiting speed            | 3 800 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          |
| Unit system                                       | Inch             |

Logistics

|                    |             |
|--------------------|-------------|
| Product net weight | 3.75 kg     |
| eClass code        | 23-05-09-10 |
| UNSPSC code        | 31171516    |





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