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32210/VA983

Special single row tapered roller bearing

These single row tapered roller bearings offer cost-effective solutions for applications operating at moderate loads, such as many agricultural applications. They can 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. By mounting one single row tapered roller bearing against another and applying a preload, a rigid bearing application can be achieved.

- Designed for moderate loads, like in many agricultural applications
- Moderate 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	50 mm
Outside diameter	90 mm
Width, total	24.75 mm
Width, inner ring	23 mm
Width, outer ring	19 mm
Contact angle	15.642 °

Performance

Basic dynamic load rating	82.5 kN
Basic static load rating	100 kN
Reference speed	5 300 r/min
Limiting speed	7 500 r/min

Properties

Bearing part	Complete bearing
Number of rows	1
Locating feature, bearing outer ring	None
Bore type	Cylindrical
Cage	Sheet metal
Coating	Without
Sealing	Without
Lubricant	None
Relubrication feature	Without

Logistics

Product net weight	0.628 kg
eClass code	23-05-09-10
UNSPSC code	31171516

Compatible products

Aftermarket replacement

Single row tapered roller bearing

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PER.32210

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