

81102 TN

Single row cylindrical roller thrust bearing, single direction



Single row cylindrical roller thrust bearings are designed to accommodate heavy axial loads and peak loads in one direction, but not radial loads. They provide a high degree of stiffness and require little axial space. They are mainly used in applications where thrust ball bearings do not have sufficient load carrying capacity. An important feature is the separable design, which facilitates mounting and enables the bearing components to be interchanged.

- High axial load carrying capacity
- High stiffness
- Long service life
- Require little axial space
- Separable design

Overview

Dimensions

Bore diameter	15 mm
Outside diameter	28 mm
Thickness	9 mm

Performance

Basic dynamic load rating	11.2 kN
Basic static load rating	27 kN
Limiting speed	8 500 r/min
Reference speed	4 300 r/min

Properties

Axial load capability	Single-direction
Bearing part	Complete bearing
Cage	Non-metallic
Coating	Without
Material, bearing	Bearing steel
Number of rows	1
Tolerance class	Normal

Mass

Mass bearing	0.024 kg
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Included products

Roller and cage thrust assembly	K 81102 TN
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Shaft washer	WS 81102
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Housing washer	GS 81102
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