

K 81108 TN

Cylindrical roller and cage thrust assembly



Cylindrical roller and cage thrust assemblies are designed to accommodate heavy axial loads and peak loads in one direction, but not radial loads. Thrust assemblies can be used in applications where the adjacent components serve as raceways and enable bearing arrangements with a low axial section heights. Where the adjacent components cannot serve as raceways, they can be combined with one or two bearing washers to create complete bearings.

- High axial load carrying capacity
- High stiffness
- Long service life
- Require little axial space
- Can be combined with bearing washers

Overview

Dimensions

Bore diameter	40 mm
Outside diameter	60 mm
Height	6 mm

Performance

Basic dynamic load rating	43 kN
Basic static load rating	137 kN
Reference speed	2 400 r/min
Limiting speed	5 000 r/min

Properties

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

Technical Specification

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