

## SKF K 81105 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.

### Technical specifications

Dimensions	
Bore diameter	25 mm
Outside diameter	42 mm
Diameter roller	5 mm
Raceway diameter (min.) roller and cage thrust assembly	26 mm
Raceway diameter (max.) roller and cage thrust assembly	41 mm
Height	5 mm

Calculation data	
Basic dynamic load rating	25 kN
Basic static load rating	69.5 kN
Fatigue load limit	6.8 kN
Reference speed	3200 r/min
Limiting speed	6300 r/min
Minimum axial load factor	0.0004

Associated products	
Shaft washer	WS 81105
Housing washer	GS 81105
Universal washer	LS 2542

Performance	
Basic dynamic load rating	25 kN
Basic static load rating	69.5 kN
Reference speed	3200 r/min
Limiting speed	6300 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
Indicative carbon footprint for new product	0.05 kg CO <sub>2</sub>

Logistics	
Product net weight	0.0144 kg
UNSPSC code	31171505

**SKF drawings**