



SKF AXK 1528

Needle roller and cage thrust assembly

Needle roller and cage thrust assemblies are designed to accommodate heavy axial loads and peak loads in one direction. They provide a high degree of stiffness within a minimum axial space. In applications where the faces of adjacent machine components serve as raceways, needle roller thrust bearings take up no more space than a conventional thrust washer. The bearings can also be combined with bearing washers to create complete bearings.

Technical specifications

Dimensions	
Bore diameter	15 mm
Outside diameter	28 mm
Diameter roller	2 mm
Raceway diameter (min.) roller and cage thrust assembly	17 mm
Raceway diameter (max.) roller and cage thrust assembly	27 mm
Height	2 mm

Calculation data	
Basic dynamic load rating	10.4 kN
Basic static load rating	37.5 kN
Fatigue load limit	4.3 kN
Reference speed	4800 r/min
Limiting speed	9500 r/min

Associated products	
Universal washer	LS 1528
Thin universal washer	AS 1528
Shaft washer	WS 81102
Housing washer	GS 81102

Performance	
Basic dynamic load rating	10.4 kN
Basic static load rating	37.5 kN
Reference speed	4800 r/min
Limiting speed	9500 r/min

Properties	
Bearing part	Needle roller and cage assembly
Cage	Sheet steel
Roller grade	G2
Material, bearing	Bearing steel
Coating	Without
Indicative carbon footprint for new product	0.01 kg CO ₂

Logistics	
Product net weight	0.0036 kg
eClass code	23-05-09-03
UNSPSC code	31171512

SKF drawings

