



SKF AXK 1024

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	10 mm
Outside diameter	24 mm
Diameter roller	2 mm
Raceway diameter (min.) roller and cage thrust assembly	12 mm
Raceway diameter (max.) roller and cage thrust assembly	23 mm
Height	2 mm

Calculation data	
Basic dynamic load rating	8.5 kN
Basic static load rating	26 kN
Fatigue load limit	3 kN
Reference speed	5300 r/min
Limiting speed	10000 r/min

Associated products	
Universal washer	LS 1024
Thin universal washer	AS 1024

Performance	
Basic dynamic load rating	8.5 kN
Basic static load rating	26 kN
Reference speed	5300 r/min
Limiting speed	10000 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 e

Logistics	
Product net weight	0.0031 kg
eClass code	23-05-09-03
UNSPSC code	31171512

SKF drawings