



## SKF AXK 5070

### 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	50 mm
Outside diameter	70 mm
Diameter roller	3 mm
Raceway diameter (min.) roller and cage thrust assembly	55 mm
Raceway diameter (max.) roller and cage thrust assembly	68 mm
Height	3 mm

Calculation data	
Basic dynamic load rating	28.5 kN
Basic static load rating	143 kN
Fatigue load limit	17 kN
Reference speed	2400 r/min
Limiting speed	5000 r/min

Associated products	
Universal washer	LS 5070
Thin universal washer	AS 5070
Shaft washer	WS 81110
Housing washer	GS 81110

Performance	
Basic dynamic load rating	28.5 kN
Basic static load rating	143 kN
Reference speed	2400 r/min
Limiting speed	5000 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	0.07 kg CO <sub>2</sub> e

Logistics	
Product net weight	0.0207 kg
eClass code	23-05-09-03
UNSPSC code	31171512

**SKF drawings**