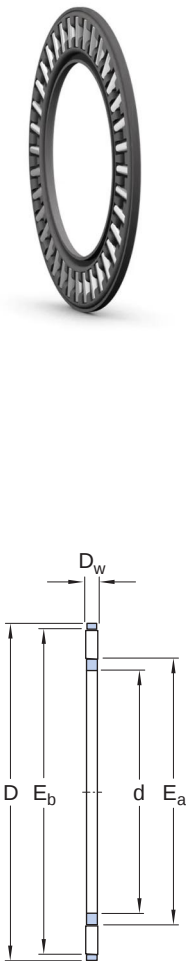


AXK 5070

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.



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

Dimensions		
d	50 mm	Bore diameter
D	70 mm	Outside diameter
D _w	3 mm	Diameter roller
E _a	min. 55 mm	Raceway diameter (min.) roller and cage thrust assembly
E _b	max. 68 mm	Raceway diameter (max.) roller and cage thrust assembly

Calculation data

Basic dynamic load rating	C	28.5 kN
Basic static load rating	C ₀	143 kN
Fatigue load limit	P _u	17 kN
Reference speed		2 400 r/min
Limiting speed		5 000 r/min

Associated products

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

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: table, values

DESIGN CONSIDERATIONS

- table

BEARING INTERFACES

- Seat tolerances for standard conditions