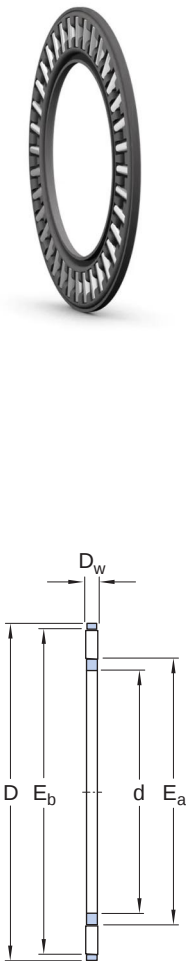


AXK 2542

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	25 mm	Bore diameter
D	42 mm	Outside diameter
D _w	2 mm	Diameter roller
E _a	min. 29 mm	Raceway diameter (min.) roller and cage thrust assembly
E _b	max. 41 mm	Raceway diameter (max.) roller and cage thrust assembly

Calculation data

Basic dynamic load rating	C	13.4 kN
Basic static load rating	C ₀	60 kN
Fatigue load limit	P _u	6.95 kN
Reference speed		3 800 r/min
Limiting speed		7 500 r/min

Associated products

Universal washer	LS 2542
Thin universal washer	AS 2542
Shaft washer	WS 81105
Housing washer	GS 81105

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: table, values

DESIGN CONSIDERATIONS

- table

BEARING INTERFACES

- Seat tolerances for standard conditions

AGA BEARINGS