



AXK 2542

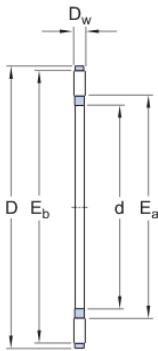
- Popular item

Needle roller thrust bearings

Bearing data, Design considerations
[Tolerances,](#)
 table, values,
[Design considerations,](#)
 table

Bearing interfaces
[Seat tolerances for standard conditions](#)

Technical specification



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

MASS

Mass roller and cage thrust assembly	0.007 kg
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ASSOCIATED PRODUCTS

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

More information

Product details	Engineering information	Tools
Designs and variants	Principles of rolling bearing selection	SimPro Quick
Bearing data	General bearing knowledge	Bearing Select
Loads	Bearing selection process	Engineering Calculator
Temperature limits	Bearing failure and how to prevent it	LubeSelect for SKF greases
Permissible speed		Heater selection tool
Design considerations		
Designation system		

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