



AXK 3552

- Popular item

Needle roller thrust bearings

Bearing data, Design considerations

[Tolerances,](#)

table, values,

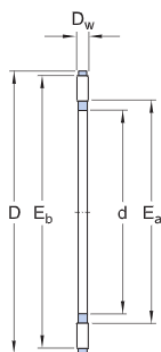
[Design considerations,](#)

table

Bearing interfaces

[Seat tolerances for standard conditions](#)

Technical specification



DIMENSIONS

d	35 mm	Bore diameter
D	52 mm	Outside diameter
D _w	2 mm	Diameter roller
E _a	min. 39 mm	Raceway diameter (min.) roller and cage thrust assembly
E _b	max. 51 mm	Raceway diameter (max.) roller and cage thrust assembly

CALCULATION DATA

Basic dynamic load rating	C	16.6 kN
Basic static load rating	C ₀	83 kN
Fatigue load limit	P _u	9.8 kN
Reference speed		3 200 r/min
Limiting speed		6 300 r/min

MASS

Mass roller and cage thrust assembly	0.01 kg
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ASSOCIATED PRODUCTS

Universal washer	LS 3552
Thin universal washer	AS 3552
Shaft washer	WS 81107
Housing washer	GS 81107

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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