



AXK 140180

Popular item

Needle roller thrust bearings

Bearing data, Design considerations

[Tolerances,](#)

table, values,

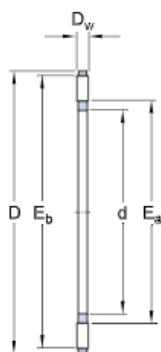
[Design considerations,](#)

table

Bearing interfaces

[Seat tolerances for standard conditions](#)

Technical specification



DIMENSIONS

d	140 mm
D	180 mm
D _w	5 mm
E _a	min. 146 mm
E _b	max. 177 mm

CALCULATION DATA

Basic dynamic load rating	C	116 kN
Basic static load rating	C ₀	900 kN
Fatigue load limit	P _u	96.5 kN
Reference speed		1 000 r/min
Limiting speed		2 000 r/min

MASS

Mass roller and cage thrust assembly	0.22 kg
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ASSOCIATED PRODUCTS

Universal washer	LS 140180
Thin universal washer	AS 140180
Shaft washer	WS 81128
Housing washer	GS 81128

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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