



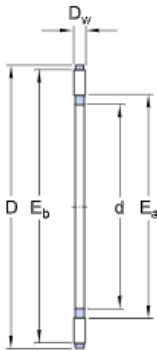
AXK 80105 Needle roller thrust bearings

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	80 mm
D	105 mm
D _w	4 mm
E _a	min. 84 mm
E _b	max. 103 mm

CALCULATION DATA

Basic dynamic load rating	C	51 kN
Basic static load rating	C ₀	280 kN
Fatigue load limit	P _u	34 kN
Reference speed		1 700 r/min
Limiting speed		3 400 r/min

MASS

Mass roller and cage thrust assembly	0.063 kg
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ASSOCIATED PRODUCTS

Universal washer	LS 80105
Thin universal washer	AS 80105
Shaft washer	WS 81116
Housing washer	GS 81116

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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