



# AXK 100135

Popular item

## Needle roller thrust bearings

Bearing data, Design considerations

[Tolerances,](#)

table, values,

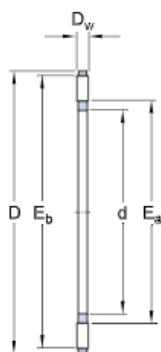
[Design considerations,](#)

table

Bearing interfaces

[Seat tolerances for standard conditions](#)

## Technical specification



### DIMENSIONS

d	100 mm
D	135 mm
D <sub>w</sub>	4 mm
E <sub>a</sub>	min. 105 mm
E <sub>b</sub>	max. 133 mm

## CALCULATION DATA

Basic dynamic load rating	C	76.5 kN
Basic static load rating	C <sub>0</sub>	560 kN
Fatigue load limit	P <sub>u</sub>	65.5 kN
Reference speed		1 400 r/min
Limiting speed		2 800 r/min

## MASS

Mass roller and cage thrust assembly	0.1 kg
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## ASSOCIATED PRODUCTS

Universal washer	LS 100135
Thin universal washer	AS 100135
Shaft washer	WS 81120
Housing washer	GS 81120

## More information

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

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