

AXK 5578

Popular item

Needle roller thrust bearings

Bearing data, Design considerations

Tolerances,

table, values,

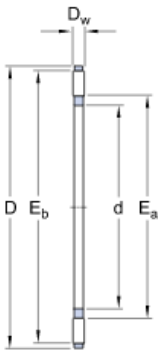
Design considerations,

table

Bearing interfaces

Seat tolerances for standard conditions

Technical specification



DIMENSIONS

d	55 mm
D	78 mm
D_w	3 mm
E_a	min. 60 mm
E_b	max. 76 mm

CALCULATION DATA

Basic dynamic load rating	C	34.5 kN
Basic static load rating	C_0	186 kN
Fatigue load limit	P_u	22.4 kN
Reference speed		2200 r/min
Limiting speed		4300 r/min

MASS

Mass roller and cage thrust assembly	0.028 kg

ASSOCIATED PRODUCTS

Universal washer	LS 5578
Thin universal washer	AS 5578
Shaft washer	WS 81111
Housing washer	GS 81111

More information

Product details

- Designs and variants
- Bearing data
- Loads
- Temperature limits
- Permissible speed
- Design considerations
- Designation system

Engineering information

- Principles of rolling bearing selection
- General bearing knowledge
- Bearing selection process
- Bearing failure and how to prevent it

Tools

- SimPro Quick
- Bearing Select
- Engineering Calculator
- LubeSelect for SKF greases
- Heater selection tool

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