



AXK 3047

- Popular item

Needle roller thrust bearings

Bearing data, Design considerations

[Tolerances,](#)

table, values,

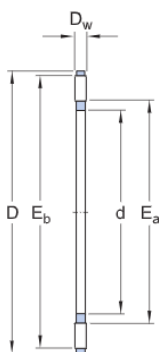
[Design considerations,](#)

table

Bearing interfaces

[Seat tolerances for standard conditions](#)

Technical specification



DIMENSIONS

d	30 mm	Bore diameter
D	47 mm	Outside diameter
D _w	2 mm	Diameter roller
Ea	min.34 mm	Raceway diameter (min.) roller and cage thrust assembly
Eb	max.46 mm	Raceway diameter (max.) roller and cage thrust assembly

CALCULATION DATA

Basic dynamic load rating	C	15 kN
Basic static load rating	C ₀	72 kN
Fatigue load limit	P _u	8.3 kN
Reference speed		3 600 r/min
Limiting speed		7 000 r/min

MASS

Mass roller and cage thrust assembly	0.008 kg
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ASSOCIATED PRODUCTS

Universal washer	LS 3047
Thin universal washer	AS 3047
Shaft washer	WS 81106
Housing washer	GS 81106

More information

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