



# WS 81103

Bearing washers for cylindrical and needle roller thrust bearings

Bearing data  
table, table, table, table

Bearing interfaces  
[Seat tolerances for standard conditions,](#)  
[Tolerances and resultant fit](#)

## Technical specification



### DIMENSIONS

d	17 mm
B	2.75 mm
d <sub>1</sub>	30 mm
r <sub>1,2</sub>	min. 0.3 mm

## MASS

Mass shaft washer	0.009 kg
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## More information

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