



K 4X7X7 TN

Needle roller and cage assemblies

Bearing data

[Tolerances,](#)

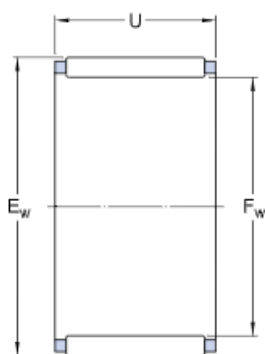
[gauges,](#)

[Radial internal clearance](#)

Design considerations

[Shaft and housing tolerances](#)

Technical specification



DIMENSIONS

F_w	4 mm
E_w	7 mm
U	7 mm

CALCULATION DATA

Basic dynamic load rating	C	1.72 kN
Basic static load rating	C_0	1.32 kN
Fatigue load limit	P_u	0.137 kN
Reference speed		36 000 r/min
Limiting speed		43 000 r/min

MASS

Mass needle roller and cage assembly	0.001 kg
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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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