



## K 5X8X10 TN

Popular item

### Needle roller and cage assemblies

#### Bearing data

[Tolerances,](#)

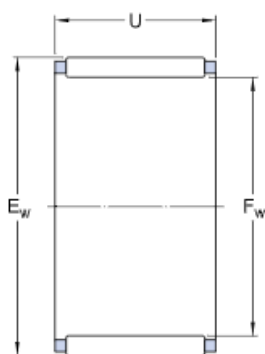
[gauges,](#)

[Radial internal clearance](#)

#### Design considerations

[Shaft and housing tolerances](#)

### Technical specification



#### DIMENSIONS

$F_w$	5 mm
$E_w$	8 mm
$U$	10 mm

### CALCULATION DATA

Basic dynamic load rating	$C$	2.92 kN
Basic static load rating	$C_0$	2.7 kN
Fatigue load limit	$P_u$	0.29 kN
Reference speed		36 000 r/min
Limiting speed		40 000 r/min

### MASS

Mass needle roller and cage assembly	0.001 kg
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## 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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