

## K 9X12X10 TN

### Needle roller and cage assemblies

#### Bearing data

[Tolerances,](#)

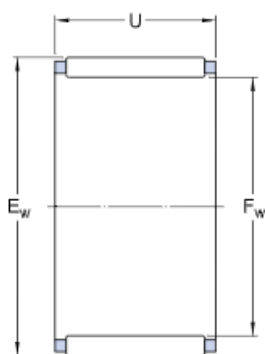
[gauges,](#)

[Radial internal clearance](#)

#### Design considerations

[Shaft and housing tolerances](#)

### Technical specification



#### DIMENSIONS

$F_w$	9 mm
$E_w$	12 mm
$U$	10 mm

### CALCULATION DATA

Basic dynamic load rating	$C$	4.4 kN
Basic static load rating	$C_0$	5.2 kN
Fatigue load limit	$P_u$	0.57 kN
Reference speed		30 000 r/min
Limiting speed		34 000 r/min

### MASS

Mass needle roller and cage assembly	0.002 kg
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## More information

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