

K 5X8X8 TN

Needle roller and cage assemblies

Bearing data

[Tolerances,](#)

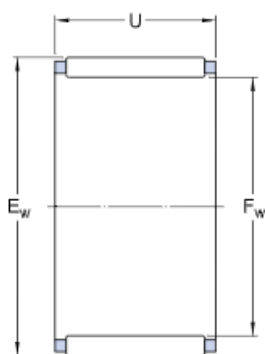
[gauges,](#)

[Radial internal clearance](#)

Design considerations

[Shaft and housing tolerances](#)

Technical specification



DIMENSIONS

F_w	5 mm
E_w	8 mm
U	8 mm

CALCULATION DATA

Basic dynamic load rating	C	2.29 kN
Basic static load rating	C_0	2 kN
Fatigue load limit	P_u	0.212 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

[Designs and variants](#)

[Bearing data](#)

[Loads](#)

[Temperature limits](#)

[Permissible speed](#)

[Design considerations](#)

[Designation system](#)

Engineering information

[Principles of rolling bearing selection](#)

[General bearing knowledge](#)

[Bearing selection process](#)

[Bearing failure and how to prevent it](#)

Tools

[SimPro Quick](#)

[Bearing Select](#)

[Engineering Calculator](#)

[LubeSelect for SKF greases](#)

[Heater Selection Tool](#)

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