



# HK 0810

Popular item

## Drawn cup needle roller bearings

### Bearing data

[Tolerances,](#)

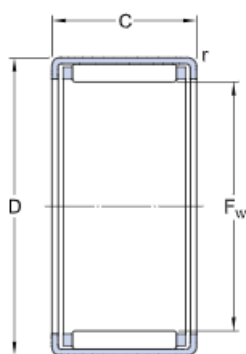
table

### Design considerations

[Shaft and housing tolerances,](#)

table

## Technical specification



### DIMENSIONS

$F_w$	8 mm
D	12 mm
C	10 mm
r	min. 0.4 mm

## CALCULATION DATA

Basic dynamic load rating	C	3.69 kN
Basic static load rating	$C_0$	4.05 kN
Fatigue load limit	$P_u$	0.44 kN
Reference speed		19 000 r/min
Limiting speed		22 000 r/min

## MASS

Mass bearing	0.003 kg
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## ASSOCIATED PRODUCTS

Inner ring IR series	IR 5x8x12
Radial shaft seal with a low cross-sectional height, single lip	G 8x12x3

## 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="#">skf.com/mount</a>
<a href="#">Mounting</a>		
<a href="#">Designation system</a>		

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