



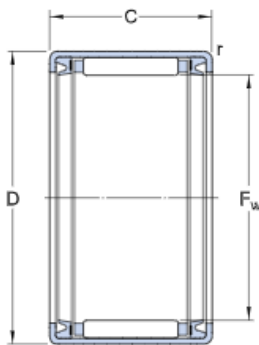
## HK 4020.2RS

### Drawn cup needle roller bearings

Bearing data  
[Tolerances,](#)  
 table

Design considerations  
[Shaft and housing tolerances,](#)  
 table

### Technical specification



#### DIMENSIONS

F <sub>w</sub>	40 mm	Diameter under rollers
D	47 mm	Outside diameter
C	20 mm	Width
r	min.0.8 mm	Chamfer dimension drawn cup (outer ring)

#### CALCULATION DATA

Basic dynamic load rating	C	19 kN
Basic static load rating	C <sub>0</sub>	39 kN
Fatigue load limit	P <sub>u</sub>	4.55 kN
Limiting speed		4 500 r/min

#### MASS

Mass bearing	0.048 kg
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ASSOCIATED PRODUCTS

Inner ring IR series	IR 35x40x20.5
Inner ring LR series	LR 35x40x20.5

More information

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

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