



## HK 2816

- Popular item

### Drawn cup needle roller bearings

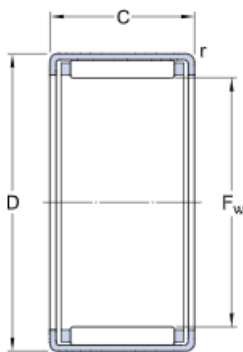
#### Bearing data

[Tolerances,](#)  
table

#### Design considerations

[Shaft and housing tolerances,](#)  
table

### Technical specification



#### DIMENSIONS

Fw	28 mm	Diameter under rollers
D	35 mm	Outside diameter
C	16 mm	Width
r	min.0.8 mm	Chamfer dimension drawn cup (outer ring)

#### CALCULATION DATA

Basic dynamic load rating	C	15.7 kN
Basic static load rating	C <sub>0</sub>	26.5 kN
Fatigue load limit	P <sub>u</sub>	3.15 kN
Reference speed		9 000 r/min
Limiting speed		9 500 r/min

#### MASS

Mass bearing	0.027 kg
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ASSOCIATED PRODUCTS

Inner ring IR series	IR 22x28x17
Radial shaft seal with a low cross-sectional height, single lip	G 28x35x4
Radial shaft seal with a low cross-sectional height, double lip	SD 28x35x4

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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