



# HK 3016.2RS

## Drawn cup needle roller bearings

### Bearing data

[Tolerances,](#)

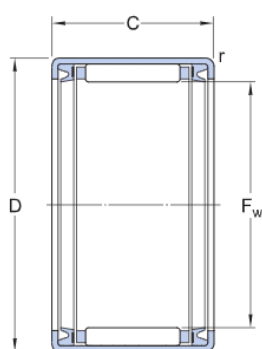
table

### Design considerations

[Shaft and housing tolerances,](#)

table

## Technical specification



### DIMENSIONS

$F_w$	30 mm	Diameter under rollers
D	37 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	11.7 kN
Basic static load rating	$C_0$	18.3 kN
Fatigue load limit	$P_u$	2.12 kN
Limiting speed		5 600 r/min

## MASS

Mass bearing	0.031 kg
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## ASSOCIATED PRODUCTS

Inner ring IR series	IR 25x30x17
Inner ring LR series	LR 25x30x16.5

## More information

<p>Product details</p> <hr/> <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="#">Mounting</a></p> <hr/> <p><a href="#">Designation system</a></p> <hr/>	<p>Engineering information</p> <hr/> <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> <hr/> <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/> <p><a href="#">skf.com/mount</a></p> <hr/>
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