



## RNA 4905.2RS

- Popular item

Needle roller bearings with machined rings, without an inner ring

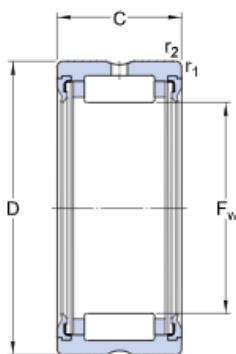
### Bearing data

[Tolerances](#),  
Normal, P6, P5, ISO - F6 (Fw),  
[Radial internal clearance](#),  
table

### Design considerations

[Housing tolerances](#),  
table,  
[Shaft tolerances](#),  
[Operating clearance](#)

## Technical specification

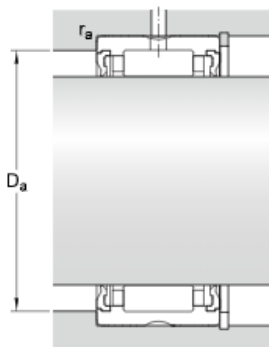


### DIMENSIONS

Fw	30 mm	Diameter under rollers
D	42 mm	Outside diameter
C	17 mm	Width
r1,2	min.0.3 mm	Chamfer dimension outer ring

### ABUTMENT DIMENSIONS

Da	max.40 mm	Abutment diameter housing (with flanges)
ra	max.0.3 mm	Fillet radius



## CALCULATION DATA

Basic dynamic load rating	C	21.6 kN
Basic static load rating	C <sub>0</sub>	27.5 kN
Fatigue load limit	P <sub>u</sub>	3.25 kN
Limiting speed		6 300 r/min

## MASS

Mass bearing	0.06 kg
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## 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="#">Engineering Calculator</a>	<a href="#">Engineering Calculator</a>
<a href="#">Temperature limits</a>	<a href="#">Temperature limits</a>	<a href="#">Bearing selection process</a>	<a href="#">Bearing selection process</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="#">Bearing failure and how to prevent it</a>	<a href="#">Bearing failure and how to prevent it</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="#">Designation system</a>	<a href="#">Designation system</a>				

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