



RNA 4902.2RS

- Popular item

Needle roller bearings with machined rings, without an inner ring

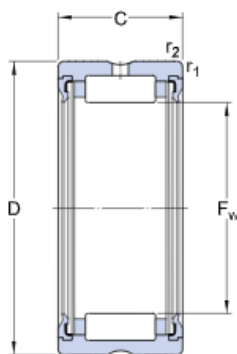
Bearing data

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

Design considerations

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

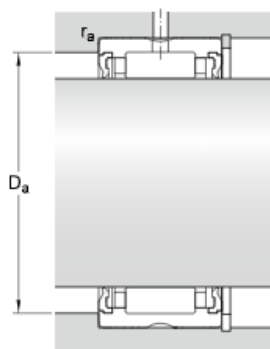
Technical specification



DIMENSIONS

Fw	20 mm	Diameter under rollers
D	28 mm	Outside diameter
C	13 mm	Width
r1,2	min.0.3 mm	Chamfer dimension outer ring

ABUTMENT DIMENSIONS



Da	max.26 mm	Abutment diameter housing (with flanges)
ra	max.0.3 mm	Fillet radius

CALCULATION DATA

Basic dynamic load rating	C	9.13 kN
Basic static load rating	C ₀	12 kN
Fatigue load limit	P _u	1.43 kN
Limiting speed		9 500 r/min

MASS

Mass bearing	0.022 kg
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More information

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

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