

**RNA4903-2RSR-XL**

Radial roller bearing

Needle roller bearings RNA49...2RSR,
dimension series 49, lip seals on both sides

X-life

Technical information



Your current product variant

Cage	Standard	
Lubrication hole	the aid of the bearing frequency calculator, you can determine this by inputting the geometrical data.	With
Coating	Without	
Type of Seal	2RSR	Contact seal on both sides
Special features	Without	
Number of rows	1	Single-row design

Main Dimensions & Performance Data

F_w	22 mm	Under roller diameter
D	30 mm	Outside diameter
B	13 mm	Width
C_r	10.000 N	Basic dynamic load rating, radial
C_{0r}	11.000 N	Basic static load rating, radial
C_{ur}	2.220 N	Fatigue load limit, radial
n_G	12.000 1/min	Limiting speed
n_G Grease	12.000 1/min	Limiting speed for grease lubrication
m	23,27 g	Weight



Dimensions

r_{\min}	0,3 mm	Minimum chamfer dimension
C	13 mm	Width, outer ring

Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.

Characteristics

-  Radial load
-  Grease Lubrication
-  Sealed on both sides
-  Small design envelope