

RNA4918-XL

Radial roller bearing

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X-life

Technical information



Your current product variant

Cage	Standard	
Radial internal clearance	CN (Group N)	Normal internal clearance
Lubrication hole	the aid of the bearing frequency calculator, you can determine this by inputting the geometrical data.	With
Coating	Without	
Type of Seal	Without	
Special features	Without	
Number of rows	1	Single-row design



Main Dimensions & Performance Data

F_w	105 mm	Under roller diameter
D	125 mm	Outside diameter
B	35 mm	Width
C_r	129.000 N	Basic dynamic load rating, radial
C_{0r}	250.000 N	Basic static load rating, radial
C_{ur}	44.500 N	Fatigue load limit, radial
n_G	4.400 1/min	Limiting speed
n_G Grease	2.650 1/min	Limiting speed for grease lubrication
n_{gr}	2.650 1/min	Reference speed
m	0,745 kg	Weight






Dimensions

r_{min}	1,1 mm	Minimum chamfer dimension
C	35 mm	Width, outer ring

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.

Characteristics

	Radial load
	Grease Lubrication
	Oil Lubrication
	Not sealed
	Small design envelope