View product details on medias

11.07.2026, 23:06:19 UTC

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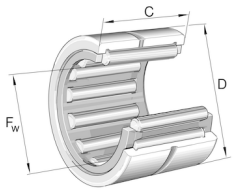


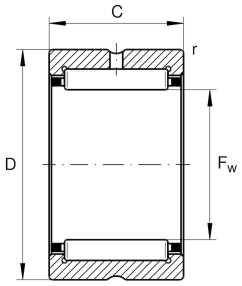
RNA4824-XL-4S

Radial roller bearing

Radial roller bearing RNA..-XL

X-life

Technical information



Your current product variant

Cage	Standard	
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Lubrication hole	With	With
Coating	Without	
Lubricant	Without	
Type of Seal	Without	
Special features	Without	
Number of rows	1	Single-row design

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website: Contact form

Main Dimensions & Performance Data

F_w	130 mm	Under roller diameter
D	150 mm	Outside diameter
B	30 mm	Width
C_r	112.000 N	Basic dynamic load rating, radial
C_{0r}	239.000 N	Basic static load rating, radial
C_{ur}	39.500 N	Fatigue load limit, radial
n_G	3.600 1/min	Limiting speed
n_G Grease	2.160 1/min	Limiting speed for grease lubrication
$n_{\vartheta r}$	2.120 1/min	Reference speed
≈m	0,722 kg	Weight

Dimensions

r_{min}	1 mm	Minimum chamfer dimension
C	30 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

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