

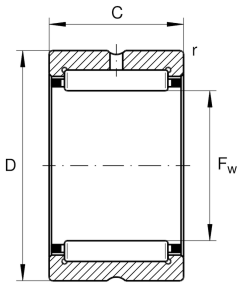
**RNA4844-XL**

Radial roller bearing

Radial roller bearing RNA..-XL

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	Without	
Special features	Without	
Number of rows	1	Single-row design

Main Dimensions & Performance Data

F_w	240 mm	Under roller diameter
D	270 mm	Outside diameter
B	50 mm	Width
C_r	275.000 N	Basic dynamic load rating, radial
C_{0r}	790.000 N	Basic static load rating, radial
C_{ur}	112.000 N	Fatigue load limit, radial
n_G	1.980 1/min	Limiting speed
$n_{G \text{ Grease}}$	1.190 1/min	Limiting speed for grease lubrication
n_{gr}	1.130 1/min	Reference speed
$\approx m$	3,592 kg	Weight



Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
C	50 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