

**RNA4838-XL**

Radial roller bearing

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X-life

Technical information



Your current product variant

Cage	Standard	
Lubrication hole	With	With
Coating	Without	
Type of Seal	Without	
Special features	Without	
Number of rows	1	Single-row design

Main Dimensions & Performance Data

F_w	210 mm	Under roller diameter
D	240 mm	Outside diameter
B	50 mm	Width
C_r	255.000 N	Basic dynamic load rating, radial
C_{0r}	690.000 N	Basic static load rating, radial
C_{ur}	102.000 N	Fatigue load limit, radial
n_G	2.250 1/min	Limiting speed
$n_{G, Grease}$	1.350 1/min	Limiting speed for grease lubrication
n_{gr}	1.360 1/min	Reference speed
$\approx m$	3,17 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