

**RNA4836-XL**

Radial roller bearing

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X-life

Technical information



Your current product variant

Cage	Standard	
Lubrication hole	With	With
Coating	Without	
Sealing	Without	
Special features	Without	
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

F_w	195 mm	Under roller diameter
D	225 mm	Outside diameter
B	45 mm	Width
C_r	219.000 N	Basic dynamic load rating, radial
C_{0r}	550.000 N	Basic static load rating, radial
C_{ur}	81.000 N	Fatigue load limit, radial
n_G	2.420 1/min	Limiting speed
$n_{G, Grease}$	1.450 1/min	Limiting speed for grease lubrication
n_{gr}	1.510 1/min	Reference speed
m	2,644 kg	Weight



Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
C	45 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