

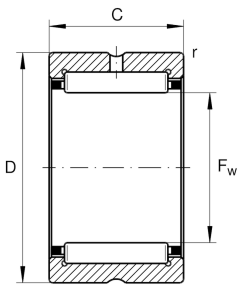
**RNA4822-XL**

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 &amp; Performance Data

$F_w$	120 mm	Under roller diameter
$D$	140 mm	Outside diameter
$B$	30 mm	Width
$C_r$	106.000 N	Basic dynamic load rating, radial
$C_{0r}$	216.000 N	Basic static load rating, radial
$C_{ur}$	36.500 N	Fatigue load limit, radial
$n_G$	3.900 1/min	Limiting speed
$n_{G \text{ Grease}}$	2.330 1/min	Limiting speed for grease lubrication
$n_{gr}$	2.340 1/min	Reference speed
$\approx m$	0,668 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