

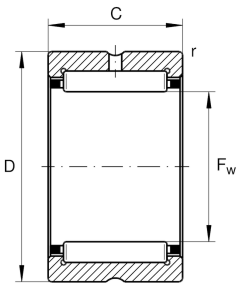
**RNA4916-XL**

Radial roller bearing

Radial roller bearing RNA..-XL

X-life

Technical information



Your current product variant

Cage	Standard	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

$F_w$	90 mm	Under roller diameter
D	110 mm	Outside diameter
B	30 mm	Width
$C_r$	101,000 N	Basic dynamic load rating, radial
$C_{0r}$	174,000 N	Basic static load rating, radial
$C_{ur}$	31,000 N	Fatigue load limit, radial
$n_G$	5,100 1/min	Limiting speed
$n_{G\text{ Grease}}$	3,050 1/min	Limiting speed for grease lubrication
$n_{gr}$	3,000 1/min	Reference speed
$\approx m$	0.515 kg	Weight



Dimensions

$r_{min}$	1 mm	Minimum chamfer dimension
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C	30 mm	Width, outer ring
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Temperature range

$T_{min}$	-30 °C	Operating temperature min.
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$T_{max}$	120 °C	Operating temperature max.
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Characteristics



Radial load



Grease Lubrication



Oil Lubrication



Not sealed



Small design envelope