

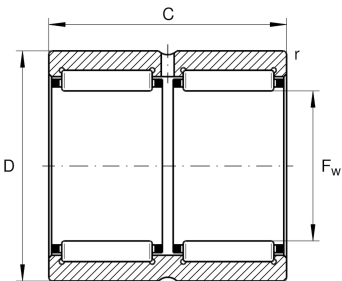
RNA6914-ZW-XL

Radial roller bearing

Needle roller bearings RNA69...ZW,
Dimension series 69, double row

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	ZW	Double-row design

Main Dimensions & Performance Data

F_w	80 mm	Under roller diameter
D	100 mm	Outside diameter
C_r	145,000 N	Basic dynamic load rating, radial
C_{0r}	265,000 N	Basic static load rating, radial
C_{ur}	48,000 N	Fatigue load limit, radial
n_G	5,700 1/min	Limiting speed
$n_{G\text{ Grease}}$	3,400 1/min	Limiting speed for grease lubrication
n_{gr}	3,450 1/min	Reference speed
m	851.35 g	Weight



Dimensions

r_{min}	1 mm	Minimum chamfer dimension
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C	54 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