

RNA6909-ZW-XL

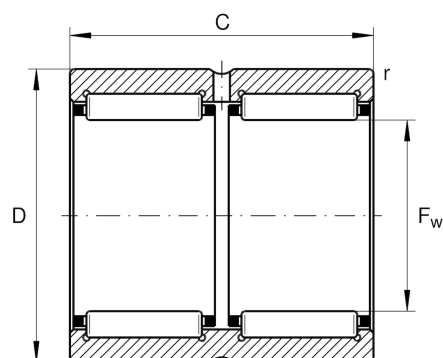
Radial roller bearing

Schaeffler ID:
0507436000000

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

X-life

Technical information



Main Dimensions & Performance Data

F_w	52 mm	Under roller diameter
D	68 mm	Outside diameter
C_r	79,000 N	Basic dynamic load rating, radial
C_{0r}	127,000 N	Basic static load rating, radial
C_{ur}	21,800 N	Fatigue load limit, radial
n_G	8,600 1/min	Limiting speed
$n_{G \text{ Grease}}$	5,200 1/min	Limiting speed for grease lubrication
n_{gr}	4,950 1/min	Reference speed
	345.15 g	Weight

Dimensions

r_{min}	0.6 mm	Minimum chamfer dimension
C	40 mm	Width, outer ring

Temperature range

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