

**RNA4909-XL**

Radial roller bearing

Schaeffler ID:
0506511610000

Radial roller bearing RNA..-XL

X-life

Technical information

**Main Dimensions & Performance Data**

F_w	52 mm	Under roller diameter
D	68 mm	Outside diameter
B	22 mm	Width
C_r	51,000 N	Basic dynamic load rating, radial
C_{0r}	73,000 N	Basic static load rating, radial
C_{ur}	12,900 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}	4,900 1/min	Reference speed
	186.04 g	Weight

Dimensions

r_{\min}	0.6 mm	Minimum chamfer dimension
C	22 mm	Width, outer ring

Temperature range

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