

**RNA4903-XL**

Radial roller bearing

Schaeffler ID:
0506603300000

Radial roller bearing RNA..-XL

X-life

Technical information

**Main Dimensions & Performance Data**

F_w	22 mm	Under roller diameter
D	30 mm	Outside diameter
B	13 mm	Width
C_r	12,400 N	Basic dynamic load rating, radial
C_{0r}	14,600 N	Basic static load rating, radial
C_{ur}	2,650 N	Fatigue load limit, radial
n_G	20,000 1/min	Limiting speed
$n_{G \text{ Grease}}$	12,000 1/min	Limiting speed for grease lubrication
n_{gr}	10,900 1/min	Reference speed
	23.79 g	Weight

Dimensions

r_{\min}	0.3 mm	Minimum chamfer dimension
	G22X30X4	Sealing ring
	SD22X30X4	Sealing ring 2
C	13 mm	Width, outer ring

Temperature range

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