

**RNA4902-XL**

Radial roller bearing

Schaeffler ID:
0506599790000

Radial roller bearing RNA..-XL

X-life

Technical information

**Main Dimensions & Performance Data**

F_w	20 mm	Under roller diameter
D	28 mm	Outside diameter
B	13 mm	Width
C_r	12,000 N	Basic dynamic load rating, radial
C_{0r}	13,600 N	Basic static load rating, radial
C_{ur}	2,470 N	Fatigue load limit, radial
n_G	21,100 1/min	Limiting speed
$n_{G \text{ Grease}}$	12,600 1/min	Limiting speed for grease lubrication
n_{gr}	12,000 1/min	Reference speed
	21.9 g	Weight

Dimensions

r_{\min}	0.3 mm	Minimum chamfer dimension
	G20X28X4	Sealing ring
	SD20X28X4	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.