

**RNA6901-XL**

Radial roller bearing

Schaeffler ID:
0507429810000

Radial roller bearing RNA..-XL

X-life

Technical information

**Main Dimensions & Performance Data**

F_w	16 mm	Under roller diameter
D	24 mm	Outside diameter
B	22 mm	Width
C_r	18,100 N	Basic dynamic load rating, radial
C_{0r}	21,600 N	Basic static load rating, radial
C_{ur}	3,850 N	Fatigue load limit, radial
n_G	23,200 1/min	Limiting speed
$n_{G \text{ Grease}}$	13,900 1/min	Limiting speed for grease lubrication
n_{gr}	14,300 1/min	Reference speed
	31.2 g	Weight

Dimensions

r_{\min}	0.3 mm	Minimum chamfer dimension
	G16X24X3	Sealing ring
	SD16X24X3	Sealing ring 2
C	22 mm	Width, outer ring

Temperature range

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