

**RNA4844-XL**

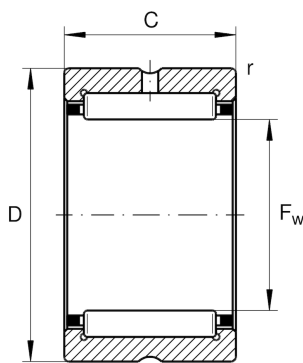
Radial roller bearing

Schaeffler ID:
0507674020000

Radial roller bearing RNA..-XL

X-life

Technical information

**Main Dimensions & Performance Data**

F_w	240 mm	Under roller diameter
D	270 mm	Outside diameter
B	50 mm	Width
C_r	275.000 N	Basic dynamic load rating, radial
C_{0r}	790.000 N	Basic static load rating, radial
C_{ur}	112.000 N	Fatigue load limit, radial
n_G	1.980 1/min	Limiting speed
$n_{G \text{ Grease}}$	1.190 1/min	Limiting speed for grease lubrication
n_{gr}	1.130 1/min	Reference speed
	3,585 kg	Weight

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
C	50 mm	Width, outer ring

Temperature range

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