

**NK42/20-XL**

Needle roller bearing

Schaeffler ID:
0507543000000

Needle roller bearings NK, light series

X-life

Technical information

**Main Dimensions & Performance Data**

F_w	42 mm	Under roller diameter
D	52 mm	Outside diameter
C	20 mm	Width, outer ring
C_r	30,000 N	Basic dynamic load rating, radial
C_{0r}	49,000 N	Basic static load rating, radial
C_{ur}	8,800 N	Fatigue load limit, radial
n_G	10,900 1/min	Limiting speed
n_{gr}	6,600 1/min	Reference speed
	84.7 g	Weight

Additional information

r_{min}	0.3 mm	Minimum chamfer dimension
	G42X52X4	Sealing ring
	SD42X52X4	Sealing ring 2

Temperature range

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