

**NK47/30-XL**

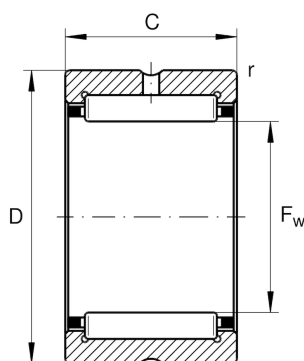
Needle roller bearing

Schaeffler ID:
0507543780000

Needle roller bearings NK, light series

X-life

Technical information

**Main Dimensions & Performance Data**

F_w	47 mm	Under roller diameter
D	57 mm	Outside diameter
C	30 mm	Width, outer ring
C_r	48,500 N	Basic dynamic load rating, radial
C_{0r}	94,000 N	Basic static load rating, radial
C_{ur}	17,800 N	Fatigue load limit, radial
n_G	9,800 1/min	Limiting speed
n_{gr}	5,800 1/min	Reference speed
	0.143 kg	Weight

Additional information

r_{min}	0.3 mm	Minimum chamfer dimension
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Temperature range

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