

**NK85/35-XL**

Needle roller bearing

Schaeffler ID:
0507546700000

Needle roller bearings NK, light series

X-life

Technical information

**Main Dimensions & Performance Data**

F_w	85 mm	Under roller diameter
D	105 mm	Outside diameter
C	35 mm	Width, outer ring
C_r	111.000 N	Basic dynamic load rating, radial
C_{0r}	193.000 N	Basic static load rating, radial
C_{ur}	35.000 N	Fatigue load limit, radial
n_G	5.400 1/min	Limiting speed
n_{gr}	3.450 1/min	Reference speed
	0,57 kg	Weight

Additional information

r_{min}	1 mm	Minimum chamfer dimension
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Temperature range

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