

**NK25/16-XL**

Needle roller bearing

Schaeffler ID:
0507540840000

Needle roller bearings NK, light series

X-life

Technical information

**Main Dimensions & Performance Data**

F_w	25 mm	Under roller diameter
D	33 mm	Outside diameter
C	16 mm	Width, outer ring
C_r	16,800 N	Basic dynamic load rating, radial
C_{0r}	22,400 N	Basic static load rating, radial
C_{ur}	4,200 N	Fatigue load limit, radial
n_G	17,800 1/min	Limiting speed
n_{gr}	10,700 1/min	Reference speed
	0.032 kg	Weight

Additional information

r_{min}	0.3 mm	Minimum chamfer dimension
	G25X33X4	Sealing ring
	SD25X33X4	Sealing ring 2

Temperature range

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