

**NK5/12-TV-XL**

Needle roller bearing

Schaeffler ID:
0507526000000

Needle roller bearings NK, light series

X-life

Technical information

**Main Dimensions & Performance Data**

F_w	5 mm	Under roller diameter
D	10 mm	Outside diameter
C	12 mm	Width, outer ring
C_r	3,400 N	Basic dynamic load rating, radial
C_{0r}	2,650 N	Basic static load rating, radial
C_{ur}	440 N	Fatigue load limit, radial
n_G	39,000 1/min	Limiting speed
n_{gr}	54,000 1/min	Reference speed
	3.58 g	Weight

Additional information

r_{min}	0.15 mm	Minimum chamfer dimension
	GR5X10X2	Sealing ring

Temperature range

T_{min}	-20 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.