

**NKI7/12-TV-XL**

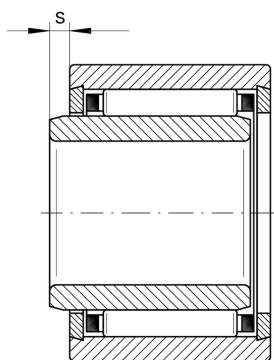
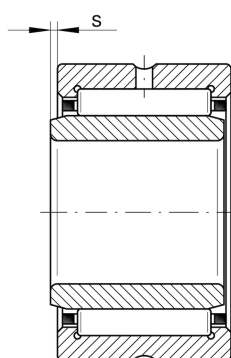
Needle roller bearing

Schaeffler ID:
0507615010000

Needle roller bearings NKI, light series

X-life

Technical information

**Main Dimensions & Performance Data**

d	7 mm	Bore diameter
D	17 mm	Outside diameter
B	12 mm	Width
C_r	5,300 N	Basic dynamic load rating, radial
C_{0r}	5,500 N	Basic static load rating, radial
C_{ur}	940 N	Fatigue load limit, radial
n_G	29,500 1/min	Limiting speed
n_{gr}	26,000 1/min	Reference speed
	13.88 g	Weight

Dimensions

F	10 mm	Raceway diameter inner ring
r_{min}	0.3 mm	Minimum chamfer dimension
s	1.5 mm	Axial displacement

Temperature range

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