

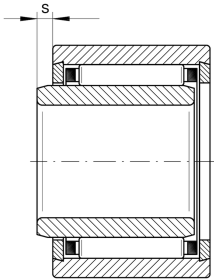
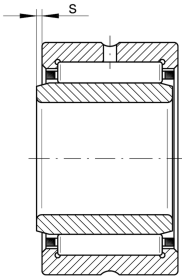
**NKI7/16-TV-XL** [↗](#)

Needle roller bearing

Needle roller bearings NKI, light series

X-life

Technical information

**Your current product variant**

Cage	TV	Plastic Cage made from PA66
Radial internal clearance	CN (Group N)	Normal internal clearance
Coating	Without	

Main Dimensions & Performance Data

d	7 mm	Bore diameter
D	17 mm	Outside diameter
B	16 mm	Width
C _r	7.000 N	Basic dynamic load rating, radial
C _{0r}	7.800 N	Basic static load rating, radial
C _{ur}	1.330 N	Fatigue load limit, radial
n _G	29.500 1/min	Limiting speed
n _{gr}	25.500 1/min	Reference speed
≈m	18,5 g	Weight

Dimensions

F	10 mm	Raceway diameter inner ring
r _{min}	0,3 mm	Minimum chamfer dimension
s	2 mm	Axial displacement



Temperature range

T_{\min} -30 °C Operating temperature min.

T_{\max} 120 °C Operating temperature max.

Characteristics



Radial load



Grease Lubrication



Oil Lubrication



Not sealed



Small design envelope