

**NKI5/16-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 &amp; Performance Data

d	5 mm	Bore diameter
D	15 mm	Outside diameter
B	16 mm	Width
C <sub>r</sub>	5.800 N	Basic dynamic load rating, radial
C <sub>0r</sub>	5.800 N	Basic static load rating, radial
C <sub>ur</sub>	990 N	Fatigue load limit, radial
n <sub>G</sub>	32.500 1/min	Limiting speed
n <sub>gr</sub>	32.000 1/min	Reference speed
≈m	15,43 g	Weight

## Dimensions

F	8 mm	Raceway diameter inner ring
r <sub>min</sub>	0,3 mm	Minimum chamfer dimension
s	2 mm	Axial displacement



### Temperature range

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

### Characteristics

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-   $F_r$  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope