

**NK6/12-TV-XL**

Needle roller bearing

Needle roller bearings NK, light series

X-life

Technical information



Your current product variant

Lubricant	Without	
Cage	TV	Plastic Cage made from PA66
Cage feature	Standard	
Tolerance class	PN	Normal (DIN 620-2)

Main Dimensions & Performance Data

F_w	6 mm	Under roller diameter
D	12 mm	Outside diameter
C	12 mm	Width, outer ring
C_r	3.800 N	Basic dynamic load rating, radial
C_{0r}	3.150 N	Basic static load rating, radial
C_{ur}	530 N	Fatigue load limit, radial
n_G	36.500 1/min	Limiting speed
n_{gr}	47.500 1/min	Reference speed
$\approx m$	5,8 g	Weight

Dimensions

r_{min}	0,15 mm	Minimum chamfer dimension
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Temperature range

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

Additional information

GR6X12X2	Sealing ring
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Characteristics

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