

**NKI40/20-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	40 mm	Bore diameter
D	55 mm	Outside diameter
B	20 mm	Width
C _r	35.000 N	Basic dynamic load rating, radial
C _{0r}	62.000 N	Basic static load rating, radial
C _{ur}	11.000 N	Fatigue load limit, radial
n _G	10.200 1/min	Limiting speed
n _{gr}	5.600 1/min	Reference speed
≈m	0,134 kg	Weight

Dimensions

F	45 mm	Raceway diameter inner ring
r _{min}	0,3 mm	Minimum chamfer dimension
s	0,5 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