

**NKI45/35-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	45 mm	Bore diameter
D	62 mm	Outside diameter
B	35 mm	Width
C_r	67.000 N	Basic dynamic load rating, radial
C_{0r}	132.000 N	Basic static load rating, radial
C_{ur}	24.300 N	Fatigue load limit, radial
n_G	9.200 1/min	Limiting speed
n_{gr}	4.950 1/min	Reference speed
m	306,8 g	Weight

Dimensions

F	50 mm	Raceway diameter inner ring
r_{min}	0,6 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