

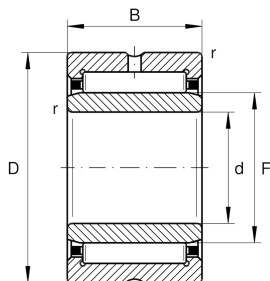
**NKI45/35-TV-IS1-XL** [↗](#)

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
Tolerance class	PN	Normal (DIN 620-2)
Lubrication hole	IS1	IS1
Coating	Without	
Lubricant	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	307 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