

**NKI70/35-XL**

Needle roller bearing

Needle roller bearings NKI, light series

X-life

Technical information



Your current product variant

Cage	Standard	
Radial internal clearance	CN (Group N)	Normal internal clearance
Coating	Without	

Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	95 mm	Outside diameter
B	35 mm	Width
C _r	89.000 N	Basic dynamic load rating, radial
C _{0r}	184.000 N	Basic static load rating, radial
C _{ur}	33.000 N	Fatigue load limit, radial
n _G	5.800 1/min	Limiting speed
n _{gr}	3.350 1/min	Reference speed
≈m	0,707 kg	Weight

Dimensions

F	80 mm	Raceway diameter inner ring
r _{min}	1 mm	Minimum chamfer dimension
s	0,8 mm	Axial displacement



Temperature range

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

Characteristics

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