

**NKI75/35-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	75 mm	Bore diameter
D	105 mm	Outside diameter
B	35 mm	Width
C_r	111.000 N	Basic dynamic load rating, radial
C_{0r}	193.000 N	Basic static load rating, radial
C_{ur}	35.000 N	Fatigue load limit, radial
n_G	5.400 1/min	Limiting speed
n_{gr}	3.200 1/min	Reference speed
$\approx m$	904,7 g	Weight

Dimensions

F	85 mm	Raceway diameter inner ring
r_{min}	1 mm	Minimum chamfer dimension
s	1 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