

**NKI30/30-F-XL**

Needle roller bearing

Needle roller bearing NKI...-F-XL, single row,
with inner ring, outer ring with 2 bords

X-life

Technical information



Your current product variant

Cage	F	Cage of steel
Radial internal clearance	CN (Group N)	Normal internal clearance
Coating	Without	

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	45 mm	Outside diameter
B	30 mm	Width
C_r	41.000 N	Basic dynamic load rating, radial
C_{0r}	69.000 N	Basic static load rating, radial
C_{ur}	13.100 N	Fatigue load limit, radial
n_G	12.900 1/min	Limiting speed
n_{gr}	7.000 1/min	Reference speed
m	0,169 kg	Weight

Dimensions

F	35 mm	Raceway diameter inner ring
r_{min}	0,3 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