

**NKI30/20-F-XL-C3**

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	C3 (Group 3)	Internal clearance larger than CN
Coating	Without	

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	45 mm	Outside diameter
B	20 mm	Width
C_r	27.500 N	Basic dynamic load rating, radial
C_{0r}	41.500 N	Basic static load rating, radial
C_{ur}	7.400 N	Fatigue load limit, radial
n_G	12.900 1/min	Limiting speed
n_{gr}	7.200 1/min	Reference speed
m	0,111 kg	Weight

Dimensions

F	35 mm	Raceway diameter inner ring
r_{min}	0,3 mm	Minimum chamfer dimension
s	0,5 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