

**NKI42/20-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	42 mm	Bore diameter
D	57 mm	Outside diameter
B	20 mm	Width
C_r	32.500 N	Basic dynamic load rating, radial
C_{0r}	56.000 N	Basic static load rating, radial
C_{ur}	10.100 N	Fatigue load limit, radial
n_G	9.800 1/min	Limiting speed
n_{gr}	5.600 1/min	Reference speed
m	146,3 g	Weight

Dimensions

F	47 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