

**NKI42/20-XL-C2**

Needle roller bearing

Needle roller bearings NKI, light series

X-life

Technical information



Your current product variant

Cage	Standard
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	145,8 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

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