

**NKI9/12-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	9 mm	Bore diameter
D	19 mm	Outside diameter
B	12 mm	Width
C_r	7.200 N	Basic dynamic load rating, radial
C_{0r}	7.100 N	Basic static load rating, radial
C_{ur}	1.310 N	Fatigue load limit, radial
n_G	26.500 1/min	Limiting speed
n_{gr}	20.200 1/min	Reference speed
m	16,2 g	Weight

Dimensions

F	12 mm	Raceway diameter inner ring
r_{min}	0,3 mm	Minimum chamfer dimension
s	1,5 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