

**NKI9/12-OS-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
Tolerance class	PN	Normal (PN)
Lubrication hole	Without	
Coating	Without	
Lubricant	Without	

## Main Dimensions &amp; 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
$\approx m$	16,6 g	Weight



### Dimensions

F	12 mm	Raceway diameter inner ring
r <sub>min</sub>	0,3 mm	Minimum chamfer dimension
s	1,5 mm	Axial displacement

### Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.

### Characteristics

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