

**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 &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
$m$	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

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$T_{\min}$  -30 °C Operating temperature min.

$T_{\max}$  120 °C Operating temperature max.

### Characteristics

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Radial load



Grease Lubrication



Oil Lubrication



Not sealed



Small design envelope