

**NKI12/16-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	12 mm	Bore diameter
D	24 mm	Outside diameter
B	16 mm	Width
$C_r$	12.800 N	Basic dynamic load rating, radial
$C_{0r}$	13.900 N	Basic static load rating, radial
$C_{ur}$	2.600 N	Fatigue load limit, radial
$n_G$	23.200 1/min	Limiting speed
$n_{gr}$	14.500 1/min	Reference speed
$m$	0,034 kg	Weight

## Dimensions

F	16 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