

**NKI100/40-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	100 mm	Bore diameter
D	130 mm	Outside diameter
B	40 mm	Width
$C_r$	143.000 N	Basic dynamic load rating, radial
$C_{0r}$	290.000 N	Basic static load rating, radial
$C_{ur}$	51.000 N	Fatigue load limit, radial
$n_G$	4.200 1/min	Limiting speed
$n_{gr}$	2.600 1/min	Reference speed
$m$	1,322 kg	Weight

## Dimensions

F	110 mm	Raceway diameter inner ring
$r_{min}$	1,1 mm	Minimum chamfer dimension
s	2 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