

**NKI90/36-XL-C2**

Needle roller bearing

Needle roller bearings NKI, light series

**X-life**

## Technical information

**Your current product variant**

Cage	Standard
Coating	Without

**Main Dimensions & Performance Data**

d	90 mm	Bore diameter
D	120 mm	Outside diameter
B	36 mm	Width
$C_r$	125.000 N	Basic dynamic load rating, radial
$C_{0r}$	237.000 N	Basic static load rating, radial
$C_{ur}$	42.500 N	Fatigue load limit, radial
$n_G$	4.600 1/min	Limiting speed
$n_{gr}$	2.800 1/min	Reference speed
$m$	1,09 kg	Weight

**Dimensions**






F	100 mm	Raceway diameter inner ring
$r_{min}$	1 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

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