

**NK100/36-XL**

Needle roller bearing

Needle roller bearings NK, light series

X-life

## Technical information



## Your current product variant

Lubricant	Without	
Cage	Standard	
Cage feature	Standard	
Tolerance class	PN	Normal

## Main Dimensions &amp; Performance Data

$F_w$	100 mm	Under roller diameter
D	120 mm	Outside diameter
C	36 mm	Width, outer ring
$C_r$	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
$n_{gr}$	3.000 1/min	Reference speed
$m$	0,681 kg	Weight

## Dimensions

$r_{min}$	1 mm	Minimum chamfer dimension
-----------	------	---------------------------



### 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