

**NKI50/35-XL-C3**

Needle roller bearing

Needle roller bearings NKI, light series

X-life

## Technical information



## Your current product variant

Cage	Standard	
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Coating	Without	

## Main Dimensions &amp; Performance Data

d	50 mm	Bore diameter
D	68 mm	Outside diameter
B	35 mm	Width
$C_r$	60.000 N	Basic dynamic load rating, radial
$C_{0r}$	118.000 N	Basic static load rating, radial
$C_{ur}$	21.600 N	Fatigue load limit, radial
$n_G$	8.400 1/min	Limiting speed
$n_{gr}$	4.900 1/min	Reference speed
$m$	380 g	Weight

## Dimensions

F	55 mm	Raceway diameter inner ring
$r_{min}$	0,6 mm	Minimum chamfer dimension
s	2 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