

**NKI42/30-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	42 mm	Bore diameter
D	57 mm	Outside diameter
B	30 mm	Width
$C_r$	48.500 N	Basic dynamic load rating, radial
$C_{0r}$	94.000 N	Basic static load rating, radial
$C_{ur}$	17.800 N	Fatigue load limit, radial
$n_G$	9.800 1/min	Limiting speed
$n_{gr}$	5.400 1/min	Reference speed
$\approx m$	222,51 g	Weight

## Dimensions

F	47 mm	Raceway diameter inner ring
$r_{min}$	0,3 mm	Minimum chamfer dimension
s	1 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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-   $F_r$  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope