

**NKI42/20-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	20 mm	Width
$C_r$	32.500 N	Basic dynamic load rating, radial
$C_{0r}$	56.000 N	Basic static load rating, radial
$C_{ur}$	10.100 N	Fatigue load limit, radial
$n_G$	9.800 1/min	Limiting speed
$n_{gr}$	5.600 1/min	Reference speed
$m$	145,8 g	Weight

## Dimensions

F	47 mm	Raceway diameter inner ring
$r_{min}$	0,3 mm	Minimum chamfer dimension
s	0,5 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