

**NKI42/20-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 &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