

**NKI100/40-XL-C3**

Needle roller bearing

Needle roller bearings NKI, light series

**X-life**

## Informacje techniczne



## Twoja aktualna wersja produktu

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

## Main Dimensions &amp; Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 100 mm      | Bore diameter                     |
| D               | 130 mm      | Outside diameter                  |
| B               | 40 mm       | Width                             |
| C <sub>r</sub>  | 143.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 290.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 51.000 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 4.200 1/min | Limiting speed                    |
| n <sub>gr</sub> | 2.600 1/min | Reference speed                   |
| m               | 1,322 kg    | Masa                              |

## Dimensions

|                  |        |                             |
|------------------|--------|-----------------------------|
| F                | 110 mm | Raceway diameter inner ring |
| r <sub>min</sub> | 1,1 mm | Minimum chamfer dimension   |
| s                | 2 mm   | Axial displacement          |



### Temperature range

|           |        |                            |
|-----------|--------|----------------------------|
| $T_{min}$ | -30 °C | Operating temperature min. |
| $T_{max}$ | 120 °C | Operating temperature max. |

### Właściwości

-  Obciążenie promieniowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia
-  Mała przestrzeń zabudowy