

**NA4828-XL-C3**

## Needle roller bearing

Needle roller bearing NA..-XL, single row,  
with inner ring, outer ring with 2 bords

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        | 140 mm      | Bore diameter                     |
| D        | 175 mm      | Outside diameter                  |
| B        | 35 mm       | Width                             |
| $C_r$    | 136.000 N   | Basic dynamic load rating, radial |
| $C_{0r}$ | 325.000 N   | Basic static load rating, radial  |
| $C_{ur}$ | 51.000 N    | Fatigue load limit, radial        |
| $n_G$    | 3.050 1/min | Limiting speed                    |
| $n_{gr}$ | 1.810 1/min | Reference speed                   |
| $m$      | 1,9 kg      | Weight                            |

## Dimensions

|           |        |                             |
|-----------|--------|-----------------------------|
| F         | 155 mm | Raceway diameter inner ring |
| $r_{min}$ | 1,1 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