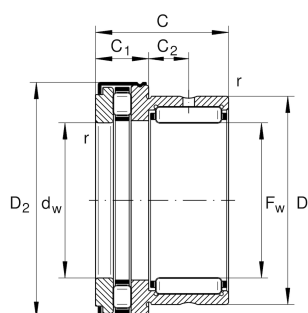
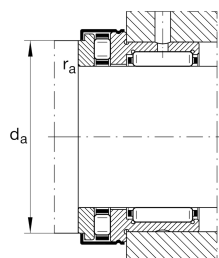
**NKXR50-Z-XL**

Needle roller/axial cylindrical roller bearing

Needle roller/axial cylindrical roller bearings  
NKXR...-Z, axial component, single direction,  
to DIN 5429, with end cap, for grease  
lubrication

**X-life**

## Informacje techniczne



## Twoja aktualna wersja produktu

|                 |    |                      |
|-----------------|----|----------------------|
| Type of Seal    | Z  | Bearing with end cap |
| Tolerance class | PN | Normal (DIN 620-2)   |

## Main Dimensions &amp; Performance Data

|             |             |                                   |
|-------------|-------------|-----------------------------------|
| $F_w$       | 50 mm       | Bore diameter                     |
| D           | 62 mm       | Outside diameter                  |
| C           | 35 mm       | Height                            |
| $C_r$       | 43.000 N    | Basic dynamic load rating, radial |
| $C_{0r}$    | 74.000 N    | Basic static load rating, radial  |
| $C_a$       | 62.000 N    | Basic dynamic load rating, axial  |
| $C_{0a}$    | 177.000 N   | Basic static load rating, axial   |
| $C_{ur}$    | 12.900 N    | Fatigue load limit, radial        |
| $C_{ua}$    | 17.700 N    | Fatigue load limit, axial         |
| $n_G$       | 4.800 1/min | Limiting speed                    |
| $n_{gr}$    | 1.700 1/min | Reference speed                   |
| $\approx m$ | 285,96 g    | Masa                              |

## Mounting dimensions

|              |         |                                   |
|--------------|---------|-----------------------------------|
| $d_a$        | 65,5 mm | Mounting dimension shaft shoulder |
| $r_{a \max}$ | 0,6 mm  | Maximum recess radius             |



Dimensions

|         |         |                                       |
|---------|---------|---------------------------------------|
| D 2 max | 71,5 mm | Maximum outside diameter flange       |
| C 1     | 14 mm   | Width of the axial brearing component |
| C 2     | 10 mm   | Distance to lubrication hole          |
| d w     | 50 mm   | Bore diameter of shaft washer         |
| r min   | 0,6 mm  | Minimum chamfer dimension             |

Temperature range

|       |        |                            |
|-------|--------|----------------------------|
| T min | -30 °C | Operating temperature min. |
| T max | 120 °C | Operating temperature max. |

Additional information

|               |                         |
|---------------|-------------------------|
| IR45X50X25-XL | Suitable inner rings IR |
|---------------|-------------------------|

Właściwości

|                                                                                     |                                   |
|-------------------------------------------------------------------------------------|-----------------------------------|
|  | Obciążenie promieniowe            |
|  | Obciążenie osiowe jednokierunkowe |
|  | Smarowanie smarem                 |
|  | Uszczelnienie jednostronne        |