



FAG

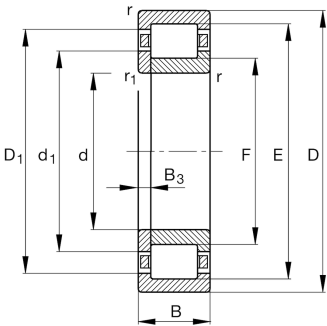
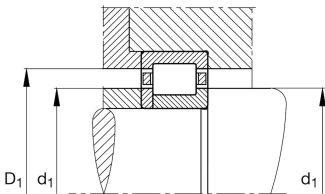
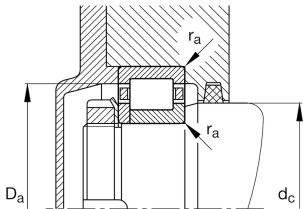
NUP330-E-XL-M1

Cylindrical roller bearing

Cylindrical roller bearing NUP...-E-XL-M1, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

X-life

Informacje techniczne



Twoja aktualna wersja produktu

|                           |              |                                    |
|---------------------------|--------------|------------------------------------|
| Design                    | E            | Increased Capacity Design          |
| Cage                      | M1           | Two Piece Brass Cage Roller Guided |
| Radial internal clearance | CN (Group N) | Normal internal clearance          |
| Tolerance class           | PN           | Normal (ISO 492:2023)              |
| Number of rows            | 1            | Single-row design                  |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 150 mm      | Bore diameter                     |
| D               | 320 mm      | Outside diameter                  |
| B               | 65 mm       | Width                             |
| C <sub>r</sub>  | 900.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 930.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 141.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 3.650 1/min | Limiting speed                    |
| n <sub>gr</sub> | 1.940 1/min | Reference speed                   |

|    |         |      |
|----|---------|------|
| ≈m | 26,8 kg | Masa |
|----|---------|------|



### Mounting dimensions

|                   |          |                                      |
|-------------------|----------|--------------------------------------|
| $d_1$             | 209,5 mm | Maximum rib diameter inner ring      |
| $D_1 \text{ min}$ | 269,8 mm | Minimum rib diameter outer ring      |
| $d_a \text{ min}$ | 167 mm   | Minimum diameter shaft shoulder      |
| $d_c \text{ min}$ | 213 mm   | Minimum shaft shoulder               |
| $D_a \text{ max}$ | 303 mm   | Maximum diameter of housing shoulder |
| $r_a \text{ max}$ | 3 mm     | Maximum recess radius                |

### Dimensions

|                   |        |                             |
|-------------------|--------|-----------------------------|
| $r_{\text{min}}$  | 4 mm   | Minimum chamfer dimension   |
| $r_1 \text{ min}$ | 4 mm   | Minimum chamfer dimension   |
| E                 | 283 mm | Raceway diameter outer ring |
| F                 | 193 mm | Raceway diameter inner ring |
| $B_3$             | 10 mm  | Width of loose rib          |

### Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| $T_{\text{min}}$ | -30 °C | Operating temperature min. |
| $T_{\text{max}}$ | 150 °C | Operating temperature max. |

### Właściwości

|                                                                                     |                                   |
|-------------------------------------------------------------------------------------|-----------------------------------|
|  | Obciążenie promieniowe            |
|  | Obciążenie osiowe jednokierunkowe |
|  | Obciążenie osiowe dwukierunkowe   |
|  | Smarowanie smarem                 |
|  | Smarowanie olejem                 |
|  | Bez uszczelnienia                 |
|  | Łożysko gabarytowe                |