



FAG

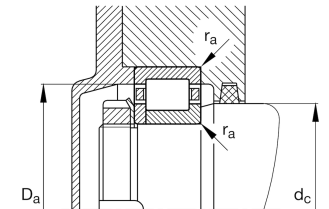
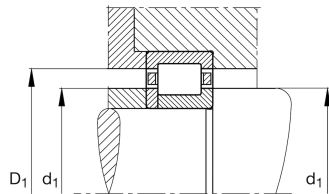
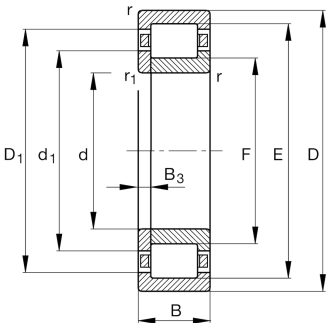
NUP306-E-XL-TVP2

Cylindrical roller bearing

Cylindrical roller bearing NUP...-E-XL-TVP2, 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                      | TVP2         | Solid Window Cage made from PA66 |
| 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               | 30 mm        | Bore diameter                     |
| D               | 72 mm        | Outside diameter                  |
| B               | 19 mm        | Width                             |
| C <sub>r</sub>  | 61.000 N     | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 48.000 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 7.900 N      | Fatigue load limit, radial        |
| n <sub>G</sub>  | 14.200 1/min | Limiting speed                    |
| n <sub>gr</sub> | 8.900 1/min  | Reference speed                   |
| ≈m              | 0,351 kg     | Masa                              |



### Mounting dimensions

|             |         |                                      |
|-------------|---------|--------------------------------------|
| $d_1$       | 45 mm   | Maximum rib diameter inner ring      |
| $D_{1\min}$ | 59,2 mm | Minimum rib diameter outer ring      |
| $d_{a\min}$ | 37 mm   | Minimum diameter shaft shoulder      |
| $d_{c\min}$ | 48 mm   | Minimum shaft shoulder               |
| $D_{a\max}$ | 65 mm   | Maximum diameter of housing shoulder |
| $r_{a\max}$ | 1 mm    | Maximum recess radius                |

### Dimensions

|             |         |                             |
|-------------|---------|-----------------------------|
| $r_{\min}$  | 1,1 mm  | Minimum chamfer dimension   |
| $r_{1\min}$ | 1,1 mm  | Minimum chamfer dimension   |
| E           | 62,5 mm | Raceway diameter outer ring |
| F           | 40,5 mm | Raceway diameter inner ring |
| $B_3$       | 3,5 mm  | Width of loose rib          |

### Temperature range

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

### Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia