



FAG

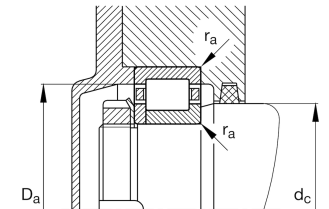
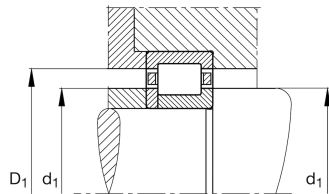
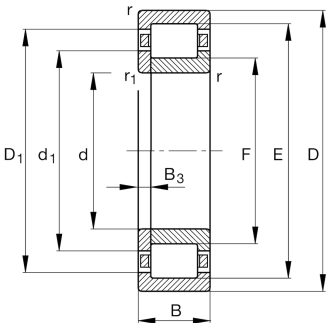
NUP2319-E-XL-TVP2

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               | 95 mm       | Bore diameter                     |
| D               | 200 mm      | Outside diameter                  |
| B               | 67 mm       | Width                             |
| C <sub>r</sub>  | 540.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 580.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 100.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 4.700 1/min | Limiting speed                    |
| n <sub>gr</sub> | 2.800 1/min | Reference speed                   |
| ≈m              | 9,54 kg     | Masa                              |



### Mounting dimensions

|              |          |                                      |
|--------------|----------|--------------------------------------|
| $d_1$        | 132 mm   | Maximum rib diameter inner ring      |
| $D_{1 \min}$ | 169,6 mm | Minimum rib diameter outer ring      |
| $d_{a \min}$ | 109 mm   | Minimum diameter shaft shoulder      |
| $d_{c \min}$ | 134 mm   | Minimum shaft shoulder               |
| $D_{a \max}$ | 186 mm   | Maximum diameter of housing shoulder |
| $r_{a \max}$ | 2,5 mm   | Maximum recess radius                |

### Dimensions

|              |          |                             |
|--------------|----------|-----------------------------|
| $r_{\min}$   | 3 mm     | Minimum chamfer dimension   |
| $r_{1 \min}$ | 3 mm     | Minimum chamfer dimension   |
| E            | 177,5 mm | Raceway diameter outer ring |
| F            | 121,5 mm | Raceway diameter inner ring |
| $B_3$        | 11,5 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