



FAG

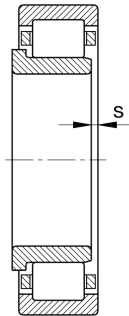
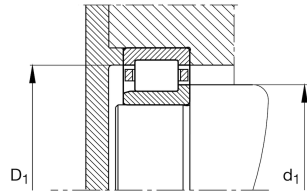
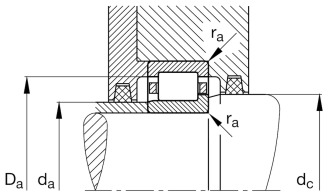
NJ2307-E-XL-TVP2

Cylindrical roller bearing

Cylindrical roller bearing NJ...-E-XL-TVP2, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

X-life

Informacje techniczne

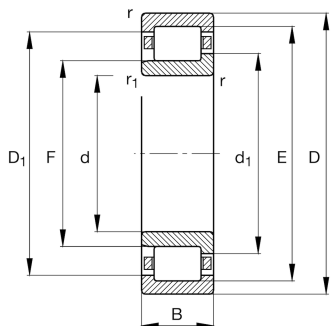


Twoja aktualna wersja produktu

|                           |              |                                  |
|---------------------------|--------------|----------------------------------|
| 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               | 35 mm        | Bore diameter                     |
| D               | 80 mm        | Outside diameter                  |
| B               | 31 mm        | Width                             |
| C <sub>r</sub>  | 108.000 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 98.000 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 17.700 N     | Fatigue load limit, radial        |
| n <sub>G</sub>  | 12.600 1/min | Limiting speed                    |
| n <sub>gr</sub> | 6.600 1/min  | Reference speed                   |
| ≈m              | 0,72 kg      | Masa                              |



### Mounting dimensions

|              |        |                                      |
|--------------|--------|--------------------------------------|
| $d_{a \min}$ | 42 mm  | Minimum diameter shaft shoulder      |
| $d_{a \max}$ | 45 mm  | Maximum diameter of shaft shoulder   |
| $D_{a \max}$ | 71 mm  | Maximum diameter of housing shoulder |
| $d_{c \min}$ | 53 mm  | Minimum shaft shoulder               |
| $r_{a \max}$ | 1,5 mm | Maximum recess radius                |

### Dimensions

|              |         |                                 |
|--------------|---------|---------------------------------|
| $r_{\min}$   | 1,5 mm  | Minimum chamfer dimension       |
| $r_{1 \min}$ | 1,1 mm  | Minimum chamfer dimension       |
| s            | 2,1 mm  | Axial displacement              |
| E            | 70,2 mm | Raceway diameter outer ring     |
| F            | 46,2 mm | Raceway diameter inner ring     |
| $D_{1 \min}$ | 66,6 mm | Minimum rib diameter outer ring |
| $d_1$        | 51 mm   | Maximum rib diameter inner ring |

### Temperature range

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

### Additional information

HJ2307-E

L-washer

### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia