



FAG

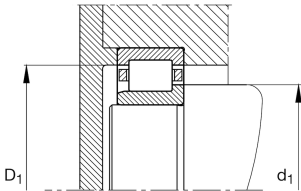
NJ304-E-XL-TVP2

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               | 20 mm        | Bore diameter                     |
| D               | 52 mm        | Outside diameter                  |
| B               | 15 mm        | Width                             |
| C <sub>r</sub>  | 37.500 N     | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 27.000 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 3.950 N      | Fatigue load limit, radial        |
| n <sub>G</sub>  | 17.200 1/min | Limiting speed                    |
| n <sub>gr</sub> | 11.900 1/min | Reference speed                   |
| ≈m              | 0,15 kg      | Masa                              |



Mounting dimensions

|         |       |                                      |
|---------|-------|--------------------------------------|
| d a min | 24 mm | Minimum diameter shaft shoulder      |
| d a max | 27 mm | Maximum diameter of shaft shoulder   |
| D a max | 45 mm | Maximum diameter of housing shoulder |
| d c min | 33 mm | Minimum shaft shoulder               |

Dimensions

|         |         |                                 |
|---------|---------|---------------------------------|
| r min   | 1,1 mm  | Minimum chamfer dimension       |
| r 1 min | 0,6 mm  | Minimum chamfer dimension       |
| s       | 1 mm    | Axial displacement              |
| E       | 45,5 mm | Raceway diameter outer ring     |
| F       | 27,5 mm | Raceway diameter inner ring     |
| D 1 min | 42,4 mm | Minimum rib diameter outer ring |
| d 1     | 31,3 mm | Maximum rib diameter inner ring |

Temperature range

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

Additional information

|         |          |
|---------|----------|
| HJ304-E | L-washer |
|---------|----------|

Właściwości

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