



FAG

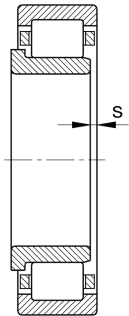
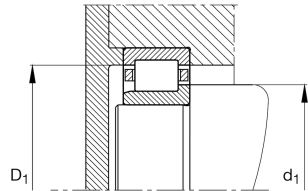
NJ2220-E-XL-TVP2

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               | 100 mm      | Bore diameter                     |
| D               | 180 mm      | Outside diameter                  |
| B               | 46 mm       | Width                             |
| C <sub>r</sub>  | 395.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 445.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 77.000 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 5.300 1/min | Limiting speed                    |
| n <sub>gr</sub> | 2.900 1/min | Reference speed                   |
| ≈m              | 4,77 kg     | Masa                              |



Mounting dimensions

|         |        |                                      |
|---------|--------|--------------------------------------|
| d a min | 112 mm | Minimum diameter shaft shoulder      |
| d a max | 117 mm | Maximum diameter of shaft shoulder   |
| D a max | 168 mm | Maximum diameter of housing shoulder |
| d c min | 130 mm | Minimum shaft shoulder               |
| r a max | 2,1 mm | Maximum recess radius                |

Dimensions

|         |          |                                 |
|---------|----------|---------------------------------|
| r min   | 2,1 mm   | Minimum chamfer dimension       |
| r 1 min | 2,1 mm   | Minimum chamfer dimension       |
| s       | 3 mm     | Axial displacement              |
| E       | 163 mm   | Raceway diameter outer ring     |
| F       | 119 mm   | Raceway diameter inner ring     |
| D 1 min | 156,9 mm | Minimum rib diameter outer ring |
| d 1     | 127,3 mm | Maximum rib diameter inner ring |

Temperature range

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

Additional information

|          |          |
|----------|----------|
| HJ2220-E | L-washer |
|----------|----------|

Właściwości

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