



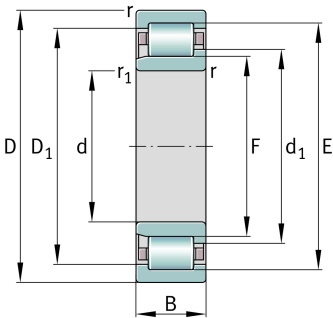
FAG

NJ202-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

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               | 15 mm        | Bore diameter                     |
| D               | 35 mm        | Outside diameter                  |
| B               | 11 mm        | Width                             |
| C <sub>r</sub>  | 15.100 N     | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 10.400 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 1.630 N      | Fatigue load limit, radial        |
| n <sub>G</sub>  | 31.000 1/min | Limiting speed                    |
| n <sub>gr</sub> | 17.900 1/min | Reference speed                   |
| ≈m              | 0,048 kg     | Masa                              |



### Mounting dimensions

|              |         |                                      |
|--------------|---------|--------------------------------------|
| $d_{a \min}$ | 17,4 mm | Minimum diameter shaft shoulder      |
| $d_{a \max}$ | 18,5 mm | Maximum diameter of shaft shoulder   |
| $D_{a \max}$ | 32,6 mm | Maximum diameter of housing shoulder |
| $d_{c \min}$ | 22 mm   | Minimum shaft shoulder               |
| $r_{a \max}$ | 0,6 mm  | Maximum recess radius                |

### Dimensions

|            |         |                                 |
|------------|---------|---------------------------------|
| $r_{\min}$ | 0,6 mm  | Minimum chamfer dimension       |
| $r_1 \min$ | 0,3 mm  | Minimum chamfer dimension       |
| s          | 1,6 mm  | Axial displacement              |
| E          | 30,3 mm | Raceway diameter outer ring     |
| F          | 19,3 mm | Raceway diameter inner ring     |
| $D_1 \min$ | 28 mm   | Minimum rib diameter outer ring |
| $d_1$      | 21,6 mm | Maximum rib diameter inner ring |

### Temperature range

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

### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia