



FAG

NJ2211-E-XL-M1

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E-XL-M1, 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                      | M1           | Two Piece Brass Cage Roller Guided |
| 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               | 55 mm        | Bore diameter                     |
| D               | 100 mm       | Outside diameter                  |
| B               | 25 mm        | Width                             |
| C <sub>r</sub>  | 117.000 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 118.000 N    | Basic static load rating, radial  |
| C <sub>ur</sub> | 21.000 N     | Fatigue load limit, radial        |
| n <sub>G</sub>  | 13.000 1/min | Limiting speed                    |
| n <sub>gr</sub> | 4.700 1/min  | Reference speed                   |
| ≈m              | 0,88 kg      | Masa                              |



Mounting dimensions

|                    |       |                                      |
|--------------------|-------|--------------------------------------|
| d <sub>a</sub> min | 62 mm | Minimum diameter shaft shoulder      |
| d <sub>a</sub> max | 65 mm | Maximum diameter of shaft shoulder   |
| D <sub>a</sub> max | 91 mm | Maximum diameter of housing shoulder |
| d <sub>c</sub> min | 73 mm | Minimum shaft shoulder               |

Dimensions

|                    |          |                                 |
|--------------------|----------|---------------------------------|
| r <sub>min</sub>   | 1,5 mm   | Minimum chamfer dimension       |
| r <sub>1 min</sub> | 1,1 mm   | Minimum chamfer dimension       |
| s                  | 1,3 mm   | Axial displacement              |
| E                  | 90 mm    | Raceway diameter outer ring     |
| F                  | 66 mm    | Raceway diameter inner ring     |
| D <sub>1 min</sub> | 86,62 mm | Minimum rib diameter outer ring |
| d <sub>1</sub>     | 70,8 mm  | Maximum rib diameter inner ring |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 150 °C | Operating temperature max. |

Additional information

|          |          |
|----------|----------|
| HJ2211-E | L-washer |
|----------|----------|

Właściwości

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