



FAG

NJ2310-E-XL-M1A-C3

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E-XL-M1A, 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                      | M1A          | Two Piece Brass Cage Lip guided   |
| Radial internal clearance | C3 (Group 3) | Internal clearance larger than CN |
| Tolerance class           | PN           | Normal (ISO 492:2023)             |
| Number of rows            | 1            | Single-row design                 |

Main Dimensions & Performance Data

|                 |              |                                   |
|-----------------|--------------|-----------------------------------|
| d               | 50 mm        | Bore diameter                     |
| D               | 110 mm       | Outside diameter                  |
| B               | 40 mm        | Width                             |
| C <sub>r</sub>  | 193.000 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 187.000 N    | Basic static load rating, radial  |
| C <sub>ur</sub> | 35.500 N     | Fatigue load limit, radial        |
| n <sub>G</sub>  | 11.600 1/min | Limiting speed                    |
| n <sub>gr</sub> | 4.900 1/min  | Reference speed                   |
| ≈m              | 1,97 kg      | Masa                              |



Mounting dimensions

|         |       |                                      |
|---------|-------|--------------------------------------|
| d a min | 61 mm | Minimum diameter shaft shoulder      |
| d a max | 63 mm | Maximum diameter of shaft shoulder   |
| D a max | 99 mm | Maximum diameter of housing shoulder |
| d c min | 73 mm | Minimum shaft shoulder               |
| r a max | 2 mm  | Maximum recess radius                |

Dimensions

|         |          |                                 |
|---------|----------|---------------------------------|
| r min   | 2 mm     | Minimum chamfer dimension       |
| r 1 min | 2 mm     | Minimum chamfer dimension       |
| s       | 3,2 mm   | Axial displacement              |
| E       | 97 mm    | Raceway diameter outer ring     |
| F       | 65 mm    | Raceway diameter inner ring     |
| D 1 min | 92,48 mm | Minimum rib diameter outer ring |
| d 1     | 71,25 mm | Maximum rib diameter inner ring |

Temperature range

|       |        |                            |
|-------|--------|----------------------------|
| T min | -30 °C | Operating temperature min. |
| T max | 150 °C | Operating temperature max. |

Additional information

|          |          |
|----------|----------|
| HJ2310-E | L-washer |
|----------|----------|

Właściwości

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