



FAG

NJ2206-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               | 30 mm        | Bore diameter                     |
| D               | 62 mm        | Outside diameter                  |
| B               | 20 mm        | Width                             |
| C <sub>r</sub>  | 58.000 N     | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 50.000 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 7.900 N      | Fatigue load limit, radial        |
| n <sub>G</sub>  | 21.200 1/min | Limiting speed                    |
| n <sub>gr</sub> | 8.000 1/min  | Reference speed                   |
| ≈m              | 0,293 kg     | Masa                              |



Mounting dimensions

|                    |       |                                      |
|--------------------|-------|--------------------------------------|
| d <sub>a min</sub> | 34 mm | Minimum diameter shaft shoulder      |
| d <sub>a max</sub> | 37 mm | Maximum diameter of shaft shoulder   |
| D <sub>a max</sub> | 56 mm | Maximum diameter of housing shoulder |
| d <sub>c min</sub> | 44 mm | Minimum shaft shoulder               |
| r <sub>a max</sub> | 1 mm  | Maximum recess radius                |

Dimensions

|                    |          |                                 |
|--------------------|----------|---------------------------------|
| r <sub>min</sub>   | 1 mm     | Minimum chamfer dimension       |
| r <sub>1 min</sub> | 0,6 mm   | Minimum chamfer dimension       |
| s                  | 1,6 mm   | Axial displacement              |
| E                  | 55,5 mm  | Raceway diameter outer ring     |
| F                  | 37,5 mm  | Raceway diameter inner ring     |
| D <sub>1 min</sub> | 52,45 mm | Minimum rib diameter outer ring |
| d <sub>1</sub>     | 41,25 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

|          |          |
|----------|----------|
| HJ2206-E | L-washer |
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Właściwości

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