



FAG

NJ2328-E-XL-MCA-C4

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E-XL-MCA, 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 |
| Number of rows | 1 | Single-row design         |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 140 mm      | Bore diameter                     |
| D               | 300 mm      | Outside diameter                  |
| B               | 102 mm      | Width                             |
| C <sub>r</sub>  | 1.210.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 1.390.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 221.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 3.950 1/min | Limiting speed                    |
| n <sub>gr</sub> | 1.620 1/min | Reference speed                   |
| ≈m              | 36,4 kg     | Masa                              |

Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| d <sub>a min</sub> | 157 mm | Minimum diameter shaft shoulder      |
| d <sub>a max</sub> | 176 mm | Maximum diameter of shaft shoulder   |
| D <sub>a max</sub> | 283 mm | Maximum diameter of housing shoulder |
| d <sub>c min</sub> | 198 mm | Minimum shaft shoulder               |
| r <sub>a max</sub> | 3 mm   | Maximum recess radius                |



Dimensions

|                    |          |                                 |
|--------------------|----------|---------------------------------|
| r <sub>min</sub>   | 4 mm     | Minimum chamfer dimension       |
| r <sub>1 min</sub> | 4 mm     | Minimum chamfer dimension       |
| s                  | 9,2 mm   | Axial displacement              |
| E                  | 264 mm   | Raceway diameter outer ring     |
| F                  | 180 mm   | Raceway diameter inner ring     |
| D <sub>1 min</sub> | 251,7 mm | Minimum rib diameter outer ring |
| d <sub>1</sub>     | 195,4 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

|          |          |
|----------|----------|
| HJ2328-E | L-washer |
|----------|----------|

Właściwości

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