



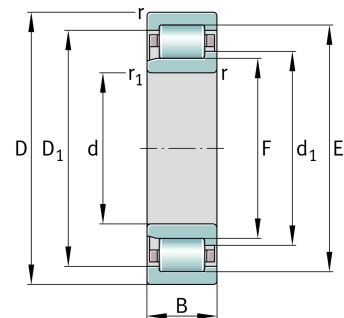
FAG

NJ2340-EX-TB-M1-C3

Cylindrical roller bearing

Cylindrical roller bearing NJ..-M1, 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                    | TB           | Bearings with increased axial load capacity |
| Cage                      | M1           | Two Piece Brass Cage Roller 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               | 200 mm      | Bore diameter                     |
| D               | 420 mm      | Outside diameter                  |
| B               | 138 mm      | Width                             |
| C <sub>r</sub>  | 2.040.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 2.900.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 315.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 2.330 1/min | Limiting speed                    |
| n <sub>gr</sub> | 940 1/min   | Reference speed                   |
| ≈m              | 98,3 kg     | Masa                              |



Mounting dimensions

|                    |          |                                      |
|--------------------|----------|--------------------------------------|
| d <sub>a min</sub> | 220 mm   | Minimum diameter shaft shoulder      |
| d <sub>a max</sub> | 250,7 mm | Maximum diameter of shaft shoulder   |
| D <sub>a max</sub> | 400 mm   | Maximum diameter of housing shoulder |
| d <sub>c min</sub> | 279 mm   | Minimum shaft shoulder               |
| r <sub>a max</sub> | 4 mm     | Maximum recess radius                |

Dimensions

|                    |          |                                 |
|--------------------|----------|---------------------------------|
| r <sub>min</sub>   | 5 mm     | Minimum chamfer dimension       |
| r <sub>1 min</sub> | 5 mm     | Minimum chamfer dimension       |
| s                  | 11,3 mm  | Axial displacement              |
| E                  | 400 mm   | Raceway diameter outer ring     |
| F                  | 253 mm   | Raceway diameter inner ring     |
| D <sub>1 min</sub> | 352,2 mm | Minimum rib diameter outer ring |
| d <sub>1</sub>     | 277,8 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

|          |          |
|----------|----------|
| HJ2340-E | L-washer |
|----------|----------|



### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Łożysko gabarytowe