



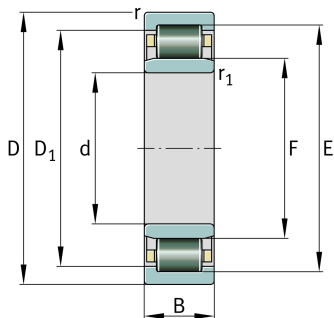
FAG

NU1080-TB-M1

Cylindrical roller bearing

Cylindrical roller bearing NU20..-E-XL-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU, Running accuracy in P6

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 | 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               | 400 mm      | Bore diameter                     |
| D               | 600 mm      | Outside diameter                  |
| B               | 90 mm       | Width                             |
| C <sub>r</sub>  | 1.380.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 2.330.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 176.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 1.730 1/min | Limiting speed                    |
| n <sub>gr</sub> | 980 1/min   | Reference speed                   |
| ≈m              | 87,3 kg     | Masa                              |



Mounting dimensions

|          |        |                                      |
|----------|--------|--------------------------------------|
| d a min  | 417 mm | Minimum diameter shaft shoulder      |
| d a max  | 445 mm | Maximum diameter of shaft shoulder   |
| d b min  | 455 mm | Minimum shaft shoulder               |
| D a max  | 583 mm | Maximum diameter of housing shoulder |
| r a max  | 4 mm   | Maximum recess radius                |
| r a1 max | 4 mm   | Maximum recess radius                |

Dimensions

|         |        |                                 |
|---------|--------|---------------------------------|
| r min   | 5 mm   | Minimum chamfer dimension       |
| r 1 min | 5 mm   | Minimum chamfer dimension       |
| s       | 9,5 mm | Axial displacement              |
| E       | 550 mm | Raceway diameter outer ring     |
| F       | 450 mm | Raceway diameter inner ring     |
| D 1 min | 530 mm | Minimum rib diameter outer ring |

Temperature range

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

Właściwości

|                                                                                     |                        |
|-------------------------------------------------------------------------------------|------------------------|
|  | Obciążenie promieniowe |
|  | Smarowanie smarem      |
|  | Smarowanie olejem      |
|  | Bez uszczelnienia      |
|  | Łożysko gabarytowe     |