



FAG

N221-E-XL-M1-C3

Cylindrical roller bearing

Cylindrical roller bearing N2...M1, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N2

Informacje techniczne



Twoja aktualna wersja produktu

|                           |              |                                    |
|---------------------------|--------------|------------------------------------|
| Cage                      | M1           | Two Piece Brass Cage Roller Guided |
| Tolerance class           | PN           | Normal (ISO 492:2023)              |
| Change mark               | E            | Increased Capacity Design          |
| Radial internal clearance | C3 (Group 3) | Internal clearance larger than CN  |
| Number of rows            | 1            | Single-row design                  |

Main Dimensions & Performance Data

|                       |             |                                       |
|-----------------------|-------------|---------------------------------------|
| d                     | 105 mm      | Bore diameter                         |
| D                     | 190 mm      | Outside diameter                      |
| B                     | 36 mm       | Width                                 |
| C <sub>r</sub>        | 310.000 N   | Basic dynamic load rating, radial     |
| C <sub>0r</sub>       | 320.000 N   | Basic static load rating, radial      |
| C <sub>ur</sub>       | 54.000 N    | Fatigue load limit, radial            |
| n <sub>G Grease</sub> | 5.500 1/min | Limiting speed for grease lubrication |
| n <sub>G Oil</sub>    | 6.500 1/min | Limiting speed for oil lubrication    |
| m                     | 4,52 kg     | Masa                                  |

Mounting dimensions

|                     |        |                              |
|---------------------|--------|------------------------------|
| d <sub>a</sub>      | 117 mm | Diameter shaft shoulder      |
| D <sub>a</sub>      | 178 mm | Diameter of housing shoulder |
| r <sub>a1 max</sub> | 2,1 mm | Maximum recess radius        |



Dimensions

|         |          |                             |
|---------|----------|-----------------------------|
| r 1 min | 2,1 mm   | Minimum chamfer dimension   |
| s 1     | 1,2 mm   | Axial displacement          |
| E       | 171,5 mm | Raceway 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