



FAG

NJ2224-E-XL-TVP2-C3

Cylindrical roller bearing

Cylindrical roller bearing NJ...-E-XL-TVP2, 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                      | TVP2         | Solid Window Cage made from PA66  |
| 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               | 120 mm      | Bore diameter                     |
| D               | 215 mm      | Outside diameter                  |
| B               | 58 mm       | Width                             |
| C <sub>r</sub>  | 530.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 610.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 104.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 4.350 1/min | Limiting speed                    |
| n <sub>gr</sub> | 2.500 1/min | Reference speed                   |
| ≈m              | 8,76 kg     | Masa                              |



Mounting dimensions

|         |        |                                      |
|---------|--------|--------------------------------------|
| d a min | 132 mm | Minimum diameter shaft shoulder      |
| d a max | 141 mm | Maximum diameter of shaft shoulder   |
| D a max | 203 mm | Maximum diameter of housing shoulder |
| d c min | 156 mm | Minimum shaft shoulder               |
| r a max | 2,1 mm | Maximum recess radius                |

Dimensions

|         |          |                                 |
|---------|----------|---------------------------------|
| r min   | 2,1 mm   | Minimum chamfer dimension       |
| r 1 min | 2,1 mm   | Minimum chamfer dimension       |
| s       | 4,5 mm   | Axial displacement              |
| E       | 195,5 mm | Raceway diameter outer ring     |
| F       | 143,5 mm | Raceway diameter inner ring     |
| D 1 min | 187,8 mm | Minimum rib diameter outer ring |
| d 1     | 153,2 mm | Maximum rib diameter inner ring |

Temperature range

|       |        |                            |
|-------|--------|----------------------------|
| T min | -30 °C | Operating temperature min. |
| T max | 120 °C | Operating temperature max. |

Additional information

|          |          |
|----------|----------|
| HJ2224-E | L-washer |
|----------|----------|

Właściwości

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