



FAG

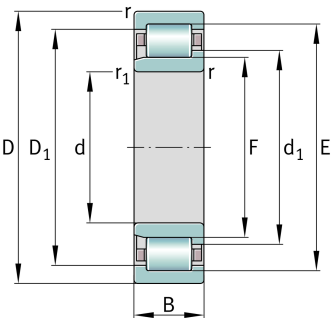
NJ2311-E-XL-MPAX-QP51-C4 [🔗](#)

Cylindrical roller bearing

Cylindrical roller bearing NJ...-E-XL-MPAX, 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                      | MPAX         | One Piece Brass Cage Lip Guided   |
| Radial internal clearance | C4 (Group 4) | Internal clearance larger than C3 |
| Tolerance class           | PN           | Normal (ISO 492:2023)             |
| Number of rows            | 1            | Single-row design                 |

Main Dimensions & Performance Data

|                 |              |                                   |
|-----------------|--------------|-----------------------------------|
| d               | 55 mm        | Bore diameter                     |
| D               | 120 mm       | Outside diameter                  |
| B               | 43 mm        | Width                             |
| C <sub>r</sub>  | 235.000 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 230.000 N    | Basic static load rating, radial  |
| C <sub>ur</sub> | 44.000 N     | Fatigue load limit, radial        |
| n <sub>G</sub>  | 10.400 1/min | Limiting speed                    |
| n <sub>gr</sub> | 4.500 1/min  | Reference speed                   |
| ≈m              | 2,46 kg      | Masa                              |



### Mounting dimensions

|              |        |                                      |
|--------------|--------|--------------------------------------|
| $d_{a \min}$ | 66 mm  | Minimum diameter shaft shoulder      |
| $d_{a \max}$ | 69 mm  | Maximum diameter of shaft shoulder   |
| $D_{a \max}$ | 109 mm | Maximum diameter of housing shoulder |
| $d_{c \min}$ | 80 mm  | Minimum shaft shoulder               |

### Dimensions

|              |           |                                 |
|--------------|-----------|---------------------------------|
| $r_{\min}$   | 2 mm      | Minimum chamfer dimension       |
| $r_{1 \min}$ | 2 mm      | Minimum chamfer dimension       |
| s            | 3,3 mm    | Axial displacement              |
| E            | 106,5 mm  | Raceway diameter outer ring     |
| F            | 70,5 mm   | Raceway diameter inner ring     |
| $D_{1 \min}$ | 101,42 mm | Minimum rib diameter outer ring |
| $d_1$        | 77,5 mm   | Maximum rib diameter inner ring |

### Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 150 °C | Operating temperature max. |

### Additional information

HJ2311-E

L-washer

### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia