



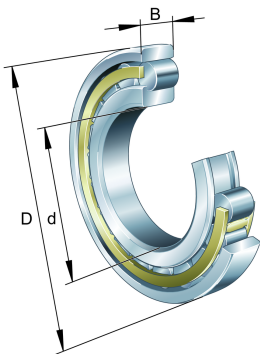
FAG

N308-E-XL-M1-C3

Cylindrical roller bearing

Cylindrical roller bearing N3...-E-M1, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N3

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               | 40 mm    | Bore diameter                     |
| D               | 90 mm    | Outside diameter                  |
| B               | 23 mm    | Width                             |
| C <sub>r</sub>  | 96.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 79.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 13.600 N | Fatigue load limit, radial        |
| ≈m              | 0,723 kg | Masa                              |

Mounting dimensions

|                     |        |                              |
|---------------------|--------|------------------------------|
| d <sub>a</sub>      | 49 mm  | Diameter shaft shoulder      |
| D <sub>a</sub>      | 81 mm  | Diameter of housing shoulder |
| r <sub>a1 max</sub> | 1,5 mm | Maximum recess radius        |

Dimensions

|                    |        |                             |
|--------------------|--------|-----------------------------|
| r <sub>1 min</sub> | 1,5 mm | Minimum chamfer dimension   |
| E                  | 80 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