



FAG

NU408-XL-M1

Cylindrical roller bearing

Cylindrical roller bearing NU..-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

X-life

Informacje techniczne



Twoja aktualna wersja produktu

|                           |              |                                    |
|---------------------------|--------------|------------------------------------|
| Design                    | Standard     |                                    |
| 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               | 40 mm        | Bore diameter                     |
| D               | 110 mm       | Outside diameter                  |
| B               | 27 mm        | Width                             |
| C <sub>r</sub>  | 119.000 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 95.000 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 12.700 N     | Fatigue load limit, radial        |
| n <sub>G</sub>  | 12.100 1/min | Limiting speed                    |
| n <sub>gr</sub> | 6.500 1/min  | Reference speed                   |

|    |         |      |
|----|---------|------|
| ≈m | 1,43 kg | Masa |
|----|---------|------|



### Mounting dimensions

|               |       |                                      |
|---------------|-------|--------------------------------------|
| $d_{a \min}$  | 53 mm | Minimum diameter shaft shoulder      |
| $d_{a \max}$  | 57 mm | Maximum diameter of shaft shoulder   |
| $d_{b \min}$  | 60 mm | Minimum shaft shoulder               |
| $D_{a \max}$  | 97 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$  | 2 mm  | Maximum recess radius                |
| $r_{a1 \max}$ | 2 mm  | Maximum recess radius                |

### Dimensions

|              |         |                                 |
|--------------|---------|---------------------------------|
| $r_{\min}$   | 2 mm    | Minimum chamfer dimension       |
| $r_{1 \min}$ | 2 mm    | Minimum chamfer dimension       |
| s            | 2,8 mm  | Axial displacement              |
| E            | 92 mm   | Raceway diameter outer ring     |
| F            | 58 mm   | Raceway diameter inner ring     |
| $D_{1 \min}$ | 86,4 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      |