



FAG

NU212-E-XL-M1A-C3 [🔗](#)

Cylindrical roller bearing

Cylindrical roller bearing NU..-E-XL-M1A, 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                    | E            | Increased Capacity Design         |
| Cage                      | M1A          | Two Piece Brass Cage Lip guided   |
| 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               | 60 mm        | Bore diameter                     |
| D               | 110 mm       | Outside diameter                  |
| B               | 22 mm        | Width                             |
| C <sub>r</sub>  | 112.000 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 103.000 N    | Basic static load rating, radial  |
| C <sub>ur</sub> | 14.100 N     | Fatigue load limit, radial        |
| n <sub>G</sub>  | 11.500 1/min | Limiting speed                    |
| n <sub>gr</sub> | 5.300 1/min  | Reference speed                   |
| m               | 0,93 kg      | Masa                              |



Mounting dimensions

|          |        |                                      |
|----------|--------|--------------------------------------|
| d a min  | 69 mm  | Minimum diameter shaft shoulder      |
| d a max  | 71 mm  | Maximum diameter of shaft shoulder   |
| d b min  | 75 mm  | Minimum shaft shoulder               |
| D a max  | 101 mm | Maximum diameter of housing shoulder |
| r a max  | 1,5 mm | Maximum recess radius                |
| r a1 max | 1,5 mm | Maximum recess radius                |

Dimensions

|         |          |                                 |
|---------|----------|---------------------------------|
| r min   | 1,5 mm   | Minimum chamfer dimension       |
| r 1 min | 1,5 mm   | Minimum chamfer dimension       |
| s       | 1,6 mm   | Axial displacement              |
| E       | 100 mm   | Raceway diameter outer ring     |
| F       | 72 mm    | Raceway diameter inner ring     |
| D 1 min | 95,65 mm | Minimum rib diameter outer ring |

Temperature range

|       |        |                            |
|-------|--------|----------------------------|
| T min | -30 °C | Operating temperature min. |
| T max | 150 °C | Operating temperature max. |