



FAG

NU1018-XL-M1A [🔗](#)

Cylindrical roller bearing

Cylindrical roller bearing NU..-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                    | Standard     |                                 |
| Cage                      | M1A          | Two Piece Brass Cage Lip 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               | 90 mm       | Bore diameter                     |
| D               | 140 mm      | Outside diameter                  |
| B               | 24 mm       | Width                             |
| C <sub>r</sub>  | 111.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 124.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 16.600 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 9.600 1/min | Limiting speed                    |
| n <sub>gr</sub> | 4.550 1/min | Reference speed                   |
| m               | 1,315 kg    | Masa                              |



### Mounting dimensions

|               |        |                                      |
|---------------|--------|--------------------------------------|
| $d_{a \min}$  | 96 mm  | Minimum diameter shaft shoulder      |
| $d_{a \max}$  | 101 mm | Maximum diameter of shaft shoulder   |
| $d_{b \min}$  | 106 mm | Minimum shaft shoulder               |
| $D_{a \max}$  | 133 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$  | 1,5 mm | Maximum recess radius                |
| $r_{a1 \max}$ | 1 mm   | Maximum recess radius                |

### Dimensions

|            |           |                                 |
|------------|-----------|---------------------------------|
| $r_{\min}$ | 1,5 mm    | Minimum chamfer dimension       |
| $r_1 \min$ | 1,1 mm    | Minimum chamfer dimension       |
| s          | 3 mm      | Axial displacement              |
| E          | 127 mm    | Raceway diameter outer ring     |
| F          | 103 mm    | Raceway diameter inner ring     |
| $D_1 \min$ | 122,85 mm | Minimum rib diameter outer ring |

### Temperature range

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