



FAG

NU324-E-XL-MCA-C3

Cylindrical roller bearing

Cylindrical roller bearing NU20..-E-XL-MCA, 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           | MCA      | Messing Käfig, einteilig, bordgeführt am Außenring |
| Number of rows | 1        | Single-row design                                  |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 120 mm      | Bore diameter                     |
| D               | 260 mm      | Outside diameter                  |
| B               | 55 mm       | Width                             |
| C <sub>r</sub>  | 610.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 600.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 73.000 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 4.550 1/min | Limiting speed                    |
| n <sub>gr</sub> | 2.650 1/min | Reference speed                   |
| m               | 14,57 kg    | Masa                              |



### Mounting dimensions

|               |        |                                      |
|---------------|--------|--------------------------------------|
| $d_{a \min}$  | 134 mm | Minimum diameter shaft shoulder      |
| $d_{a \max}$  | 151 mm | Maximum diameter of shaft shoulder   |
| $d_{b \min}$  | 156 mm | Minimum shaft shoulder               |
| $D_{a \max}$  | 246 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$  | 2,5 mm | Maximum recess radius                |
| $r_{a1 \max}$ | 2,5 mm | Maximum recess radius                |

### Dimensions

|              |          |                                 |
|--------------|----------|---------------------------------|
| $r_{\min}$   | 3 mm     | Minimum chamfer dimension       |
| $r_{1 \min}$ | 3 mm     | Minimum chamfer dimension       |
| s            | 3,5 mm   | Axial displacement              |
| E            | 230 mm   | Raceway diameter outer ring     |
| F            | 154 mm   | Raceway diameter inner ring     |
| $D_{1 \min}$ | 218,7 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            |
|  | Obciążenie osiowe jednokierunkowe |
|  | Smarowanie smarem                 |
|  | Smarowanie olejem                 |
|  | Bez uszczelnienia                 |