



FAG

NU260-E-M1A-C3

Cylindrical roller bearing

Cylindrical roller bearing NU..-E-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

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               | 300 mm      | Bore diameter                     |
| D               | 540 mm      | Outside diameter                  |
| B               | 85 mm       | Width                             |
| C <sub>r</sub>  | 1.600.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 2.330.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 170.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 1.860 1/min | Limiting speed                    |
| n <sub>gr</sub> | 920 1/min   | Reference speed                   |
| ≈m              | 82,62 kg    | Masa                              |



### Mounting dimensions

|               |        |                                      |
|---------------|--------|--------------------------------------|
| $d_{a \min}$  | 320 mm | Minimum diameter shaft shoulder      |
| $d_{a \max}$  | 359 mm | Maximum diameter of shaft shoulder   |
| $d_{b \min}$  | 367 mm | Minimum shaft shoulder               |
| $D_{a \max}$  | 520 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$  | 4 mm   | Maximum recess radius                |
| $r_{a1 \max}$ | 4 mm   | Maximum recess radius                |

### Dimensions

|            |          |                                 |
|------------|----------|---------------------------------|
| $r_{\min}$ | 5 mm     | Minimum chamfer dimension       |
| $r_1 \min$ | 5 mm     | Minimum chamfer dimension       |
| s          | 6,9 mm   | Axial displacement              |
| E          | 484 mm   | Raceway diameter outer ring     |
| F          | 364 mm   | Raceway diameter inner ring     |
| $D_1 \min$ | 462,6 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