



FAG

NU328-E-XL-TVP2

Cylindrical roller bearing

Cylindrical roller bearing NU..-E-XL-TVP2, 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                      | TVP2         | Solid Window Cage made from PA66 |
| 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               | 140 mm      | Bore diameter                     |
| D               | 300 mm      | Outside diameter                  |
| B               | 62 mm       | Width                             |
| C <sub>r</sub>  | 790.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 800.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 95.000 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 3.050 1/min | Limiting speed                    |
| n <sub>gr</sub> | 2.170 1/min | Reference speed                   |
| ≈m              | 19,6 kg     | Masa                              |



Mounting dimensions

|          |        |                                      |
|----------|--------|--------------------------------------|
| d a min  | 157 mm | Minimum diameter shaft shoulder      |
| d a max  | 176 mm | Maximum diameter of shaft shoulder   |
| d b min  | 182 mm | Minimum shaft shoulder               |
| D a max  | 283 mm | Maximum diameter of housing shoulder |
| r a max  | 3 mm   | Maximum recess radius                |
| r a1 max | 3 mm   | Maximum recess radius                |

Dimensions

|         |          |                                 |
|---------|----------|---------------------------------|
| r min   | 4 mm     | Minimum chamfer dimension       |
| r 1 min | 4 mm     | Minimum chamfer dimension       |
| s       | 5,2 mm   | Axial displacement              |
| E       | 264 mm   | Raceway diameter outer ring     |
| F       | 180 mm   | Raceway diameter inner ring     |
| D 1 min | 251,7 mm | Minimum rib diameter outer ring |

Temperature range

|       |        |                            |
|-------|--------|----------------------------|
| T min | -30 °C | Operating temperature min. |
| T max | 120 °C | Operating temperature max. |

Właściwości

|                                                                                     |                        |
|-------------------------------------------------------------------------------------|------------------------|
|  | Obciążenie promieniowe |
|  | Smarowanie smarem      |
|  | Smarowanie olejem      |
|  | Bez uszczelnienia      |