



FAG

NUP2226-E-XL-TVP2-C3

Cylindrical roller bearing

Cylindrical roller bearing NUP...-E-XL-TVP2, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

X-life

Informacje techniczne



Twoja aktualna wersja produktu

|                           |              |                                   |
|---------------------------|--------------|-----------------------------------|
| Design                    | E            | Increased Capacity Design         |
| Cage                      | TVP2         | Solid Window Cage made from PA66  |
| 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               | 130 mm      | Bore diameter                     |
| D               | 230 mm      | Outside diameter                  |
| B               | 64 mm       | Width                             |
| C <sub>r</sub>  | 620.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 730.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 120.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 4.000 1/min | Limiting speed                    |
| n <sub>gr</sub> | 2.280 1/min | Reference speed                   |
| ≈m              | 10,6 kg     | Masa                              |



### Mounting dimensions

|             |          |                                      |
|-------------|----------|--------------------------------------|
| $d_1$       | 164 mm   | Maximum rib diameter inner ring      |
| $D_{1\min}$ | 201,2 mm | Minimum rib diameter outer ring      |
| $d_{a\min}$ | 144 mm   | Minimum diameter shaft shoulder      |
| $d_{c\min}$ | 168 mm   | Minimum shaft shoulder               |
| $D_{a\max}$ | 216 mm   | Maximum diameter of housing shoulder |
| $r_{a\max}$ | 2,5 mm   | Maximum recess radius                |

### Dimensions

|             |          |                             |
|-------------|----------|-----------------------------|
| $r_{\min}$  | 3 mm     | Minimum chamfer dimension   |
| $r_{1\min}$ | 3 mm     | Minimum chamfer dimension   |
| E           | 209,5 mm | Raceway diameter outer ring |
| F           | 153,5 mm | Raceway diameter inner ring |
| $B_3$       | 10 mm    | Width of loose rib          |

### Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 120 °C | Operating temperature max. |

### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia