



FAG

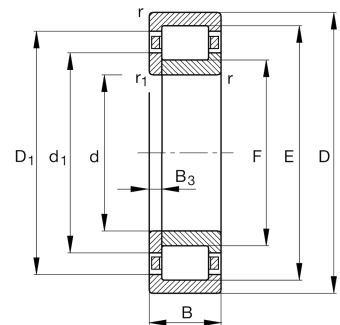
NUP305-E-XL-TVP2

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

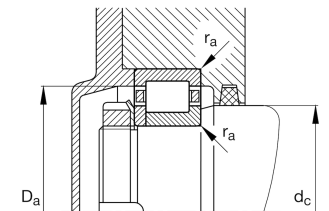
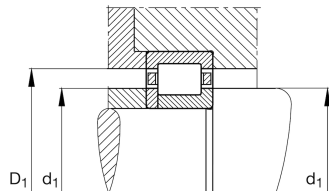


Twoja aktualna wersja produktu

|                           |              |                                  |
|---------------------------|--------------|----------------------------------|
| Design                    | E            | Increased Capacity Design        |
| Cage                      | TVP2         | Solid Window Cage made from PA66 |
| Radial internal clearance | 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               | 25 mm        | Bore diameter                     |
| D               | 62 mm        | Outside diameter                  |
| B               | 17 mm        | Width                             |
| C <sub>r</sub>  | 49.000 N     | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 37.500 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 5.700 N      | Fatigue load limit, radial        |
| n <sub>G</sub>  | 14.400 1/min | Limiting speed                    |
| n <sub>gr</sub> | 10.100 1/min | Reference speed                   |
| ≈m              | 0,245 kg     | Masa                              |





Mounting dimensions

|                    |         |                                      |
|--------------------|---------|--------------------------------------|
| d <sub>1</sub>     | 38,1 mm | Maximum rib diameter inner ring      |
| D <sub>1 min</sub> | 50,7 mm | Minimum rib diameter outer ring      |
| d <sub>a min</sub> | 32 mm   | Minimum diameter shaft shoulder      |
| d <sub>c min</sub> | 40 mm   | Minimum shaft shoulder               |
| D <sub>a max</sub> | 55 mm   | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 1 mm    | Maximum recess radius                |

Dimensions

|                    |        |                             |
|--------------------|--------|-----------------------------|
| r <sub>min</sub>   | 1,1 mm | Minimum chamfer dimension   |
| r <sub>1 min</sub> | 1,1 mm | Minimum chamfer dimension   |
| E                  | 54 mm  | Raceway diameter outer ring |
| F                  | 34 mm  | Raceway diameter inner ring |
| B <sub>3</sub>     | 3 mm   | Width of loose rib          |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 120 °C | Operating temperature max. |

Właściwości

|                                                                                     |                                   |
|-------------------------------------------------------------------------------------|-----------------------------------|
|  | Obciążenie promieniowe            |
|  | Obciążenie osiowe jednokierunkowe |
|  | Obciążenie osiowe dwukierunkowe   |
|  | Smarowanie smarem                 |
|  | Smarowanie olejem                 |
|  | Bez uszczelnienia                 |