



FAG

**NJ322-E-XL-TVP2** 

Cylindrical roller bearing

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

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 &amp; Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 110 mm      | Bore diameter                     |
| D               | 240 mm      | Outside diameter                  |
| B               | 50 mm       | Width                             |
| C <sub>r</sub>  | 495.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 475.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 80.000 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 3.850 1/min | Limiting speed                    |
| n <sub>gr</sub> | 3.050 1/min | Reference speed                   |
| ≈m              | 10,5 kg     | Masa                              |



Mounting dimensions

|         |        |                                      |
|---------|--------|--------------------------------------|
| d a min | 124 mm | Minimum diameter shaft shoulder      |
| d a max | 140 mm | Maximum diameter of shaft shoulder   |
| D a max | 226 mm | Maximum diameter of housing shoulder |
| d c min | 158 mm | Minimum shaft 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       |
| s       | 1,3 mm   | Axial displacement              |
| E       | 211 mm   | Raceway diameter outer ring     |
| F       | 143 mm   | Raceway diameter inner ring     |
| D 1 min | 200,9 mm | Minimum rib diameter outer ring |
| d 1     | 155,6 mm | Maximum rib diameter inner ring |

Temperature range

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

Additional information

|         |          |
|---------|----------|
| HJ322-E | L-washer |
|---------|----------|

Właściwości

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