



FAG

N202-E-XL-TVP2

Cylindrical roller bearing

Cylindrical roller bearing N2...-E-TVP, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N2

Informacje techniczne



Twoja aktualna wersja produktu

|                           |              |                                  |
|---------------------------|--------------|----------------------------------|
| Cage                      | TVP2         | Solid Window Cage made from PA66 |
| Tolerance class           | PN           | Normal (ISO 492:2023)            |
| Change mark               | E            | Increased Capacity Design        |
| Radial internal clearance | CN (Group N) | Normal internal clearance        |
| Number of rows            | 1            | Single-row design                |

Main Dimensions & Performance Data

|                       |              |                                       |
|-----------------------|--------------|---------------------------------------|
| d                     | 15 mm        | Bore diameter                         |
| D                     | 35 mm        | Outside diameter                      |
| B                     | 11 mm        | Width                                 |
| C <sub>r</sub>        | 15.100 N     | Basic dynamic load rating, radial     |
| C <sub>0r</sub>       | 10.400 N     | Basic static load rating, radial      |
| C <sub>ur</sub>       | 1.640 N      | Fatigue load limit, radial            |
| n <sub>G Grease</sub> | 26.500 1/min | Limiting speed for grease lubrication |
| n <sub>G Oil</sub>    | 31.000 1/min | Limiting speed for oil lubrication    |
| ≈m                    | 47,32 g      | Masa                                  |

Mounting dimensions

|                     |         |                              |
|---------------------|---------|------------------------------|
| d <sub>a</sub>      | 17,4 mm | Diameter shaft shoulder      |
| D <sub>a</sub>      | 32,6 mm | Diameter of housing shoulder |
| r <sub>a1 max</sub> | 0,6 mm  | Maximum recess radius        |



Dimensions

|         |         |                             |
|---------|---------|-----------------------------|
| r 1 min | 0,3 mm  | Minimum chamfer dimension   |
| s 1     | 0,5 mm  | Axial displacement          |
| E       | 30,3 mm | Raceway 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