



FAG

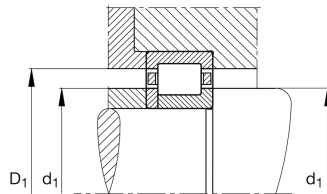
NUP213-E-XL-TVP2-C3

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               | 65 mm       | Bore diameter                     |
| D               | 120 mm      | Outside diameter                  |
| B               | 23 mm       | Width                             |
| C <sub>r</sub>  | 128.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 120.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 21.200 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 8.100 1/min | Limiting speed                    |
| n <sub>gr</sub> | 4.900 1/min | Reference speed                   |
| ≈m              | 1,06 kg     | Masa                              |



### Mounting dimensions

|                   |          |                                      |
|-------------------|----------|--------------------------------------|
| $d_1$             | 84,4 mm  | Maximum rib diameter inner ring      |
| $D_1 \text{ min}$ | 104,3 mm | Minimum rib diameter outer ring      |
| $d_a \text{ min}$ | 74 mm    | Minimum diameter shaft shoulder      |
| $d_c \text{ min}$ | 87 mm    | Minimum shaft shoulder               |
| $D_a \text{ max}$ | 111 mm   | Maximum diameter of housing shoulder |
| $r_a \text{ max}$ | 1,5 mm   | Maximum recess radius                |

### Dimensions

|                   |          |                             |
|-------------------|----------|-----------------------------|
| $r_{\text{min}}$  | 1,5 mm   | Minimum chamfer dimension   |
| $r_1 \text{ min}$ | 1,5 mm   | Minimum chamfer dimension   |
| E                 | 108,5 mm | Raceway diameter outer ring |
| F                 | 78,5 mm  | Raceway diameter inner ring |
| $B_3$             | 4 mm     | Width of loose rib          |

### Temperature range

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

### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia