

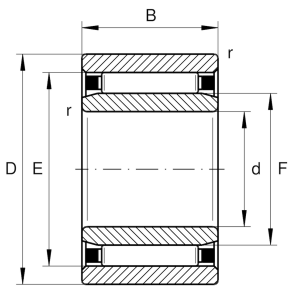
NAO12X24X13-XL

Needle roller bearing

Needle roller bearings NAO, without ribs

X-life

Informacje techniczne

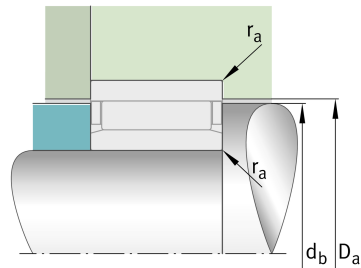
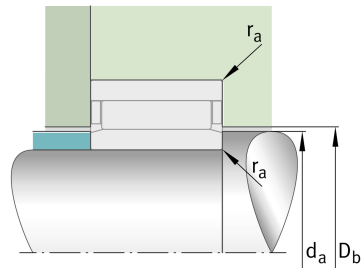


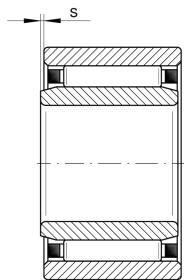
Main Dimensions & Performance Data

|                 |              |                                   |
|-----------------|--------------|-----------------------------------|
| d               | 12 mm        | Bore diameter                     |
| D               | 24 mm        | Outside diameter                  |
| B               | 13 mm        | Width                             |
| C <sub>r</sub>  | 10.100 N     | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 11.800 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 1.930 N      | Fatigue load limit, radial        |
| n <sub>G</sub>  | 23.600 1/min | Limiting speed                    |
| n <sub>gr</sub> | 15.000 1/min | Reference speed                   |
| ≈m              | 30 g         | Masa                              |

Mounting dimensions

|                    |         |                                             |
|--------------------|---------|---------------------------------------------|
| d <sub>a</sub>     | 15,7 mm | Mounting dimension                          |
| D <sub>b</sub>     | 16,4 mm | Shoulder diameter axial guidance NK/housing |
| d <sub>b</sub>     | 19,6 mm | Shoulder diameter axial guidance NK/shaft   |
| D <sub>a</sub>     | 20,3 mm | Shoulder diameter outer ring                |
| r <sub>a max</sub> | 0,3 mm  | Maximum recess radius                       |





### Dimensions

|                  |        |                             |
|------------------|--------|-----------------------------|
| F                | 16 mm  | Raceway diameter inner ring |
| E                | 20 mm  | Raceway diameter outer ring |
| r <sub>min</sub> | 0,3 mm | Minimum chamfer dimension   |
| s                | 0,5 mm | Axial displacement          |

### Temperature range

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

### Właściwości



Obciążenie promieniowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Mała przestrzeń zabudowy