



SL024928

Cylindrical roller bearing

Cylindrical roller bearing SL02...-A, full complement roller set, two-row, non-locating bearing, 0 ribs on outer ring (smooth), 3 ribs on inner ring, type SL02

Informacje techniczne



Twoja aktualna wersja produktu

|                           |              |                           |
|---------------------------|--------------|---------------------------|
| Design                    | A            | Internal Variant A        |
| Radial internal clearance | CN (Group N) | Normal internal clearance |
| Tolerance class           | PN           | Normal (ISO 492:2023)     |
| Number of rows            | 2            | Double-row design         |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 140 mm      | Bore diameter                     |
| D               | 190 mm      | Outside diameter                  |
| B               | 50 mm       | Width                             |
| C <sub>r</sub>  | 270.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 550.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 67.000 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 1.950 1/min | Limiting speed                    |
| n <sub>gr</sub> | 1.370 1/min | Reference speed                   |
| ≈m              | 3,945 kg    | Masa                              |

Mounting dimensions

|                    |          |                                      |
|--------------------|----------|--------------------------------------|
| d <sub>c min</sub> | 160 mm   | Minimum shaft shoulder               |
| d <sub>a min</sub> | 160 mm   | Minimum diameter shaft shoulder      |
| D <sub>e min</sub> | 175,5 mm | Minimum diameter of housing shoulder |
| r <sub>a max</sub> | 1,5 mm   | Maximum recess radius                |



### Dimensions

|            |          |                                 |
|------------|----------|---------------------------------|
| $r_{\min}$ | 1,5 mm   | Minimum chamfer dimension       |
| s          | 4 mm     | Axial displacement              |
| C          | 25 mm    | Distance to lubrication hole    |
| $d_1 \max$ | 160 mm   | Maximum rib diameter inner ring |
| E          | 175,9 mm | Raceway diameter outer ring     |

### Temperature range

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

### Additional information

|           |                             |
|-----------|-----------------------------|
| NNCL4928V | Bearing designation DIN5412 |
|-----------|-----------------------------|

### Właściwości

|                                                                                     |                        |
|-------------------------------------------------------------------------------------|------------------------|
|  | Obciążenie promieniowe |
|  | Smarowanie smarem      |
|  | Smarowanie olejem      |
|  | Bez uszczelnienia      |