



SL024934

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               | 170 mm      | Bore diameter                     |
| D               | 230 mm      | Outside diameter                  |
| B               | 60 mm       | Width                             |
| C <sub>r</sub>  | 435.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 930.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 115.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 1.580 1/min | Limiting speed                    |
| n <sub>gr</sub> | 1.010 1/min | Reference speed                   |
| ≈m              | 6,946 kg    | Masa                              |

Mounting dimensions

|                    |          |                                      |
|--------------------|----------|--------------------------------------|
| d <sub>c min</sub> | 193,5 mm | Minimum shaft shoulder               |
| d <sub>a min</sub> | 193,1 mm | Minimum diameter shaft shoulder      |
| D <sub>e min</sub> | 215 mm   | Minimum diameter of housing shoulder |
| r <sub>a max</sub> | 2 mm     | Maximum recess radius                |



Dimensions

|                    |           |                                 |
|--------------------|-----------|---------------------------------|
| r <sub>min</sub>   | 2 mm      | Minimum chamfer dimension       |
| s                  | 4 mm      | Axial displacement              |
| C                  | 30 mm     | Distance to lubrication hole    |
| d <sub>1 max</sub> | 193,1 mm  | Maximum rib diameter inner ring |
| E                  | 215,08 mm | Raceway diameter outer ring     |

Temperature range

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

Additional information

|           |                             |
|-----------|-----------------------------|
| NNCL4934V | Bearing designation DIN5412 |
|-----------|-----------------------------|

Właściwości

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