



SL014920-A-C3

Cylindrical roller bearing

Cylindrical roller bearings SL0149, locating bearing, double row, full complement cylindrical roller set, dimension series 49

Informacje techniczne



Twoja aktualna wersja produktu

|                           |              |                                   |
|---------------------------|--------------|-----------------------------------|
| Design                    | A            | Internal Variant Cage             |
| Radial internal clearance | C3 (Group 3) | Internal clearance larger than CN |
| Tolerance class           | PN           | Normal (ISO 492:2023)             |
| Number of rows            | 2            | Double-row design                 |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 100 mm      | Bore diameter                     |
| D               | 140 mm      | Outside diameter                  |
| B               | 40 mm       | Width                             |
| C <sub>r</sub>  | 191.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 370.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 48.500 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 2.700 1/min | Limiting speed                    |
| n <sub>gr</sub> | 1.720 1/min | Reference speed                   |
| ≈m              | 1,925 kg    | Masa                              |

Mounting dimensions

|                    |          |                                      |
|--------------------|----------|--------------------------------------|
| r <sub>a max</sub> | 1,1 mm   | Maximum recess radius                |
| d <sub>a min</sub> | 116,4 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 125 mm   | Maximum diameter of housing shoulder |



Dimensions

|         |          |                                 |
|---------|----------|---------------------------------|
| r min   | 1,1 mm   | Minimum chamfer dimension       |
| d 1     | 116,4 mm | Maximum rib diameter inner ring |
| D 1 min | 125 mm   | Minimum rib diameter outer ring |
| d c min | 116 mm   | Minimum shaft shoulder          |
| C       | 20 mm    | Distance to lubrication hole    |

Temperature range

|       |        |                            |
|-------|--------|----------------------------|
| T min | -30 °C | Operating temperature min. |
| T max | 120 °C | Operating temperature max. |

Additional information

|          |                             |
|----------|-----------------------------|
| NNC4920V | Bearing designation DIN5412 |
|----------|-----------------------------|

Właściwości

|                                                                                     |                                   |
|-------------------------------------------------------------------------------------|-----------------------------------|
|  | Obciążenie promieniowe            |
|  | Obciążenie osiowe jednokierunkowe |
|  | Obciążenie osiowe dwukierunkowe   |
|  | Smarowanie smarem                 |
|  | Smarowanie olejem                 |
|  | Bez uszczelnienia                 |