



**SL024948-A-C3**

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 | 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               | 240 mm      | Bore diameter                     |
| D               | 320 mm      | Outside diameter                  |
| B               | 80 mm       | Width                             |
| C <sub>r</sub>  | 740.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 1.700.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 198.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 1.110 1/min | Limiting speed                    |
| n <sub>gr</sub> | 660 1/min   | Reference speed                   |
| ≈m              | 17,24 kg    | Masa                              |

Mounting dimensions

|                    |          |                                      |
|--------------------|----------|--------------------------------------|
| d <sub>c min</sub> | 271 mm   | Minimum shaft shoulder               |
| d <sub>a min</sub> | 270,6 mm | Minimum diameter shaft shoulder      |
| D <sub>e min</sub> | 299 mm   | Minimum diameter of housing shoulder |
| r <sub>a max</sub> | 2,1 mm   | Maximum recess radius                |



Dimensions

|                    |           |                                 |
|--------------------|-----------|---------------------------------|
| r <sub>min</sub>   | 2,1 mm    | Minimum chamfer dimension       |
| s                  | 5 mm      | Axial displacement              |
| C                  | 40 mm     | Distance to lubrication hole    |
| d <sub>1 max</sub> | 270,6 mm  | Maximum rib diameter inner ring |
| E                  | 299,46 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

|           |                             |
|-----------|-----------------------------|
| NNCL4948V | Bearing designation DIN5412 |
|-----------|-----------------------------|

Właściwości

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