



SL014972

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 | 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               | 360 mm      | Bore diameter                     |
| D               | 480 mm      | Outside diameter                  |
| B               | 118 mm      | Width                             |
| C <sub>r</sub>  | 1.790.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 4.450.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 465.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 730 1/min   | Limiting speed                    |
| n <sub>gr</sub> | 350 1/min   | Reference speed                   |
| ≈m              | 62,1 kg     | Masa                              |

Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| r <sub>a max</sub> | 3 mm   | Maximum recess radius                |
| d <sub>a min</sub> | 404 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 437 mm | Maximum diameter of housing shoulder |



Dimensions

|                    |          |                                 |
|--------------------|----------|---------------------------------|
| r <sub>min</sub>   | 3 mm     | Minimum chamfer dimension       |
| d <sub>1</sub>     | 404 mm   | Maximum rib diameter inner ring |
| D <sub>1 min</sub> | 436,8 mm | Minimum rib diameter outer ring |
| d <sub>c min</sub> | 404 mm   | Minimum shaft shoulder          |
| C                  | 59 mm    | Distance to lubrication hole    |

Temperature range

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

Additional information

|          |                             |
|----------|-----------------------------|
| NNC4972V | Bearing designation DIN5412 |
|----------|-----------------------------|

Właściwości

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