



SL024964

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               | 320 mm      | Bore diameter                     |
| D               | 440 mm      | Outside diameter                  |
| B               | 118 mm      | Width                             |
| C <sub>r</sub>  | 1.700.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 4.050.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 435.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 800 1/min   | Limiting speed                    |
| n <sub>gr</sub> | 395 1/min   | Reference speed                   |
| m               | 53,2 kg     | Masa                              |

Mounting dimensions

|                    |          |                                      |
|--------------------|----------|--------------------------------------|
| d <sub>c min</sub> | 367,5 mm | Minimum shaft shoulder               |
| d <sub>a min</sub> | 367,5 mm | Minimum diameter shaft shoulder      |
| D <sub>e min</sub> | 412 mm   | Minimum diameter of housing shoulder |
| r <sub>a max</sub> | 3 mm     | Maximum recess radius                |



Dimensions

|                    |           |                                 |
|--------------------|-----------|---------------------------------|
| r <sub>min</sub>   | 3 mm      | Minimum chamfer dimension       |
| s                  | 6 mm      | Axial displacement              |
| C                  | 59 mm     | Distance to lubrication hole    |
| d <sub>1 max</sub> | 367,5 mm  | Maximum rib diameter inner ring |
| E                  | 412,27 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

|           |                             |
|-----------|-----------------------------|
| NNCL4964V | Bearing designation DIN5412 |
|-----------|-----------------------------|

Właściwości

-  Obciążenie promieniowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia
-  Łożysko gabarytowe