

**SL024926**

## 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

## Technical information



## Your current product variant

|                           |              |                           |
|---------------------------|--------------|---------------------------|
| 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 &amp; Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 130 mm      | Bore diameter                     |
| D               | 180 mm      | Outside diameter                  |
| B               | 50 mm       | Width                             |
| C <sub>r</sub>  | 260.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 510.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 64.000 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 2.090 1/min | Limiting speed                    |
| n <sub>gr</sub> | 1.500 1/min | Reference speed                   |
| m               | 3,749 kg    | Weight                            |

## Mounting dimensions

|                    |          |                                      |
|--------------------|----------|--------------------------------------|
| d <sub>c min</sub> | 149,5 mm | Minimum shaft shoulder               |
| d <sub>a min</sub> | 149,5 mm | Minimum diameter shaft shoulder      |
| D <sub>e min</sub> | 165 mm   | Minimum diameter of housing shoulder |
| r <sub>a max</sub> | 1,5 mm   | Maximum recess radius                |



### Dimensions

|              |          |                                 |
|--------------|----------|---------------------------------|
| $r_{\min}$   | 1,5 mm   | Minimum chamfer dimension       |
| s            | 4 mm     | Axial displacement              |
| C            | 25 mm    | Distance to lubrication hole    |
| $d_{1 \max}$ | 149,5 mm | Maximum rib diameter inner ring |
| E            | 165,4 mm | Raceway diameter outer ring     |

### Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 120 °C | Operating temperature max. |

### Additional information

|           |                             |
|-----------|-----------------------------|
| NNCL4926V | Bearing designation DIN5412 |
|-----------|-----------------------------|

### Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed