



**SL182926-B-XL**

Cylindrical roller bearing

Cylindrical roller bearing SL18, full complement roller set, single row, semi-locating bearing, 1 rib on outer ring, 2 ribs on inner ring, type SL18

X-life

Informacje techniczne



Twoja aktualna wersja produktu

|                           |              |                           |
|---------------------------|--------------|---------------------------|
| Design                    | B            | Internal Variant B        |
| Radial internal clearance | CN (Group N) | Normal internal clearance |
| Tolerance class           | PN           | Normal (ISO 492:2023)     |
| Number of rows            | 1            | Single-row design         |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 130 mm      | Bore diameter                     |
| D               | 180 mm      | Outside diameter                  |
| B               | 30 mm       | Width                             |
| C <sub>r</sub>  | 238.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 350.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 55.000 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 2.420 1/min | Limiting speed                    |
| n <sub>gr</sub> | 1.500 1/min | Reference speed                   |
| ≈m              | 2,236 kg    | Masa                              |





Mounting dimensions

|         |          |                                      |
|---------|----------|--------------------------------------|
| d a min | 146 mm   | Minimum diameter shaft shoulder      |
| d c min | 146 mm   | Minimum shaft shoulder               |
| D a max | 161 mm   | Maximum diameter of housing shoulder |
| D e min | 167 mm   | Minimum diameter of housing shoulder |
| r a max | 1,5 mm   | Maximum recess radius                |
| E       | 167,2 mm | Raceway diameter outer ring          |

Dimensions

|         |          |                                 |
|---------|----------|---------------------------------|
| r min   | 1,5 mm   | Minimum chamfer dimension       |
| s       | 2 mm     | Axial displacement              |
| d 1     | 146 mm   | Maximum rib diameter inner ring |
| D 1 min | 161,1 mm | Minimum rib diameter outer ring |

Temperature range

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

Właściwości

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