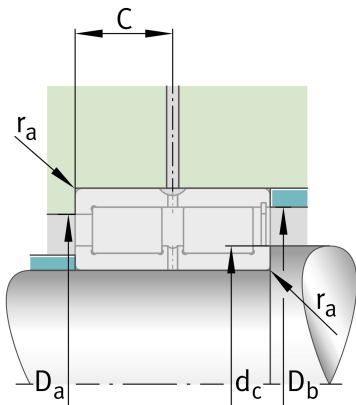
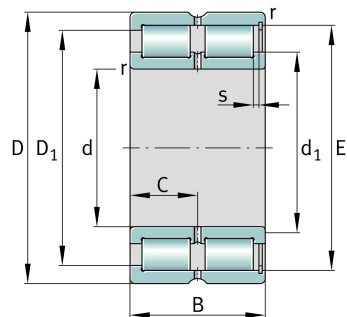


**SL185022-A-BR-C3**

Cylindrical roller bearing

Cylindrical roller bearing SL1850...-A, full complement roller set, two-row, semi-locating bearing, 1 rib on outer ring, 3 ribs on inner ring, type SL18

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               | 110 mm      | Bore diameter                     |
| D               | 170 mm      | Outside diameter                  |
| B               | 80 mm       | Width                             |
| C <sub>r</sub>  | 485.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 770.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 111.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 2.350 1/min | Limiting speed                    |
| n <sub>gr</sub> | 1.730 1/min | Reference speed                   |
| ≈m              | 6,059 kg    | Masa                              |



### Mounting dimensions

|               |          |                                      |
|---------------|----------|--------------------------------------|
| $d_{c \min}$  | 127 mm   | Minimum shaft shoulder               |
| $d_{a \min}$  | 127,3 mm | Minimum diameter shaft shoulder      |
| $D_{a \max}$  | 149,5 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$  | 2 mm     | Maximum recess radius                |
| $r_{a1 \max}$ | 2 mm     | Maximum recess radius                |
| $D_{e \min}$  | 149,3 mm | Minimum diameter of housing shoulder |

### Dimensions

|              |          |                                 |
|--------------|----------|---------------------------------|
| $r_{\min}$   | 2 mm     | Minimum chamfer dimension       |
| $r_{1 \min}$ | 2 mm     | Minimum chamfer dimension       |
| s            | 5 mm     | Axial displacement              |
| C            | 40 mm    | Distance to lubrication hole    |
| $d_1$        | 127,3 mm | Maximum rib diameter inner ring |
| $D_1 \min$   | 149,3 mm | Minimum rib diameter outer ring |
| E            | 156,7 mm | Raceway 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