



**SL185052-TB**

Cylindrical roller bearing

Cylindrical roller bearing SL1850..-TB,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                    | TB           | Bearings with increased axial load capacity |
| 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               | 260 mm      | Bore diameter                     |
| D               | 400 mm      | Outside diameter                  |
| B               | 190 mm      | Width                             |
| C <sub>r</sub>  | 2.750.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 5.000.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 580.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 940 1/min   | Limiting speed                    |
| n <sub>gr</sub> | 490 1/min   | Reference speed                   |
| ≈m              | 79,5 kg     | Masa                              |



Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| d <sub>c min</sub> | 304 mm | Minimum shaft shoulder               |
| d <sub>a min</sub> | 304 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 360 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 4 mm   | Maximum recess radius                |
| D <sub>e min</sub> | 358 mm | Minimum diameter of housing shoulder |

Dimensions

|                    |         |                                 |
|--------------------|---------|---------------------------------|
| r <sub>min</sub>   | 4 mm    | Minimum chamfer dimension       |
| r <sub>1 min</sub> | 4 mm    | Minimum chamfer dimension       |
| s                  | 11,3 mm | Axial displacement              |
| C                  | 95 mm   | Distance to lubrication hole    |
| d <sub>1</sub>     | 304 mm  | Maximum rib diameter inner ring |
| D <sub>1 min</sub> | 358 mm  | Minimum rib diameter outer ring |
| E                  | 376 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. |

Właściwości

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