

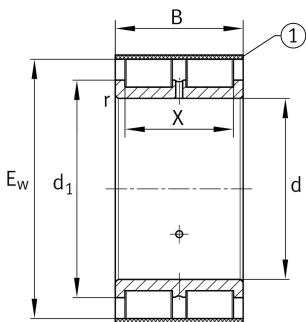


RSL185011-A

Cylindrical roller bearing

Cylindrical roller bearing RSL18, full complement roller set, two-row, semi-locating bearing, no outer ring, 3 ribs on inner ring, type RSL18

Informacje techniczne



Twoja aktualna wersja produktu

|                 |    |                         |
|-----------------|----|-------------------------|
| Design          | A  | Internal Variant Cage A |
| Tolerance class | PN | Normal (ISO 492:2023)   |
| Number of rows  | 2  | Double-row design       |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 55 mm       | Rib diameter inner ring           |
| E <sub>w</sub>  | 83,54 mm    | Outer envelope circle             |
| B               | 46 mm       | Width                             |
| C <sub>r</sub>  | 182.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 275.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 37.000 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 4.550 1/min | Limiting speed                    |
| n <sub>gr</sub> | 2.950 1/min | Reference speed                   |
| ≈m              | 0,821 kg    | Masa                              |

Mounting dimensions

|                    |         |                                 |
|--------------------|---------|---------------------------------|
| d <sub>a min</sub> | 68,5 mm | Minimum diameter shaft shoulder |
|--------------------|---------|---------------------------------|

Dimensions

|                  |        |                           |
|------------------|--------|---------------------------|
| r <sub>min</sub> | 1,1 mm | Minimum chamfer dimension |
| X                | 39 mm  | Raceway width             |



### Temperature range

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

### Właściwości

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