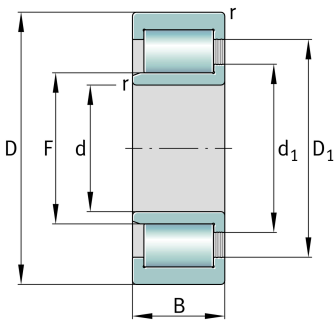


**SL192328-TB-XL-BR-C3** [↗](#)

## Cylindrical roller bearing

Cylindrical roller bearing SL1923, full compl, roller set self-retaining, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type SL19

## Technical information



## Your current product variant

|                |   |                   |
|----------------|---|-------------------|
| Number of rows | 1 | Single-row design |
|----------------|---|-------------------|

## Main Dimensions &amp; Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 140 mm      | Bore diameter                     |
| D               | 300 mm      | Outside diameter                  |
| B               | 102 mm      | Width                             |
| C <sub>r</sub>  | 1.410.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 1.570.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 250.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 1.690 1/min | Limiting speed                    |
| n <sub>gr</sub> | 970 1/min   | Reference speed                   |
| m               | 34,116 kg   | Weight                            |








## Dimensions

|              |          |                                      |
|--------------|----------|--------------------------------------|
| $D_1$        | 243,4 mm | Shoulder diameter outer ring         |
| $D_{a \max}$ | 243 mm   | Maximum diameter of housing shoulder |
| $d_1$        | 187,8 mm | Shoulder diameter inner ring         |
| $d_{a \min}$ | 168 mm   | Minimum diameter shaft shoulder      |
| $d_{c \min}$ | 187,5 mm | Minimum shaft shoulder               |
| F            | 168,4 mm | Raceway diameter inner ring          |
| $r_{a \max}$ | 4 mm     | Maximum fillet radius                |
| $r_{\min}$   | 4 mm     | Minimum chamfer dimension            |
| s            | 7 mm     | Axial displacement                   |

## Temperature range

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

## Characteristics

|   |                             |
|---|-----------------------------|
|  | Radial load                 |
|  | Axial load in one direction |
|  | Grease Lubrication          |
|  | Oil Lubrication             |
|  | Not sealed                  |