

**SL192315-C3**

Cylindrical roller bearing

## Technical information

**Your current product variant**

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

**Main Dimensions & Performance Data**

|          |             |                                   |
|----------|-------------|-----------------------------------|
| d        | 75 mm       | Bore diameter                     |
| D        | 160 mm      | Outside diameter                  |
| B        | 55 mm       | Width                             |
| $C_r$    | 405.000 N   | Basic dynamic load rating, radial |
| $C_{0r}$ | 465.000 N   | Basic static load rating, radial  |
| $C_{ur}$ | 72.000 N    | Fatigue load limit, radial        |
| $n_G$    | 2.800 1/min | Limiting speed                    |
| $n_{gr}$ | 2.000 1/min | Reference speed                   |
| $m$      | 5,201 kg    | Weight                            |








## Dimensions

|              |          |                                      |
|--------------|----------|--------------------------------------|
| $D_1$        | 131,5 mm | Shoulder diameter outer ring         |
| $D_{a \max}$ | 131,5 mm | Maximum diameter of housing shoulder |
| $d_1$        | 101,6 mm | Shoulder diameter inner ring         |
| $d_{a \min}$ | 91 mm    | Minimum diameter shaft shoulder      |
| $d_{c \min}$ | 101,5 mm | Minimum shaft shoulder               |
| F            | 92,2 mm  | Raceway diameter inner ring          |
| $r_{a \max}$ | 2,1 mm   | Maximum fillet radius                |
| $r_{\min}$   | 2,1 mm   | Minimum chamfer dimension            |
| s            | 3,5 mm   | Axial displacement                   |

## Temperature range

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

## Characteristics

-   $F_r$  Radial load
-   $F_a$  Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed