

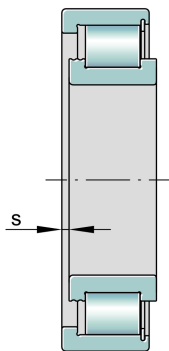
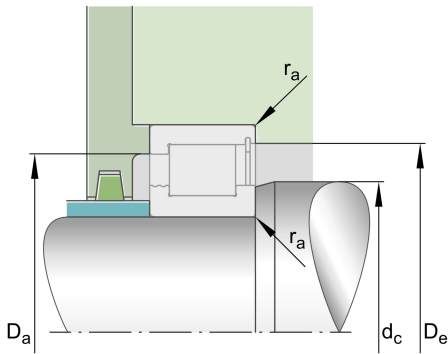
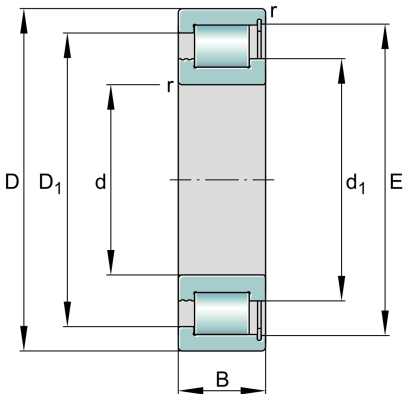
SL183064-TB-C3

Cylindrical roller bearing

Schaeffler ID:  
0572439560030

Cylindrical roller bearing SL1830..-TB ,full complement roller set, single row, semi-locating bearing, 1 rib on outer ring, 2 ribs on inner ring, type SL18

Technical information



Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 320 mm      | Bore diameter                     |
| D               | 480 mm      | Outside diameter                  |
| B               | 121 mm      | Width                             |
| C <sub>r</sub>  | 2.080.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 3.450.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 345.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 770 1/min   | Limiting speed                    |
| n <sub>gr</sub> | 480 1/min   | Reference speed                   |
| ≈m              | 70,02 kg    | Weight                            |

Mounting dimensions

|                    |          |                                      |
|--------------------|----------|--------------------------------------|
| d <sub>a min</sub> | 369,5 mm | Minimum diameter shaft shoulder      |
| d <sub>c min</sub> | 369,5 mm | Minimum shaft shoulder               |
| D <sub>a max</sub> | 430 mm   | Maximum diameter of housing shoulder |
| D <sub>e min</sub> | 449,5 mm | Minimum diameter of housing shoulder |
| r <sub>a max</sub> | 4 mm     | Maximum recess radius                |

Dimensions

|                    |          |                                 |
|--------------------|----------|---------------------------------|
| r <sub>min</sub>   | 4 mm     | Minimum chamfer dimension       |
| s                  | 14 mm    | Axial displacement              |
| d <sub>1</sub>     | 369,5 mm | Maximum rib diameter inner ring |
| D <sub>1 min</sub> | 430,1 mm | Minimum rib diameter outer ring |
| E                  | 449,5 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. |