

★ SL183008-XL

Cylindrical roller bearing

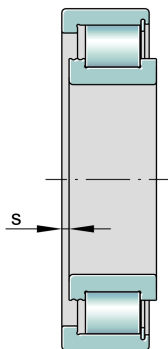
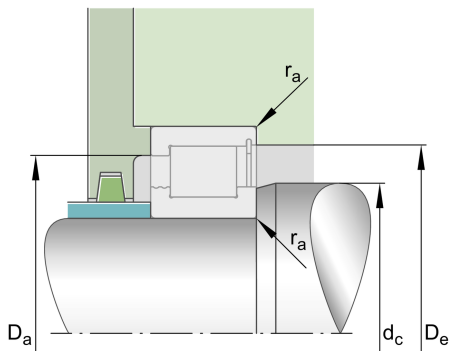
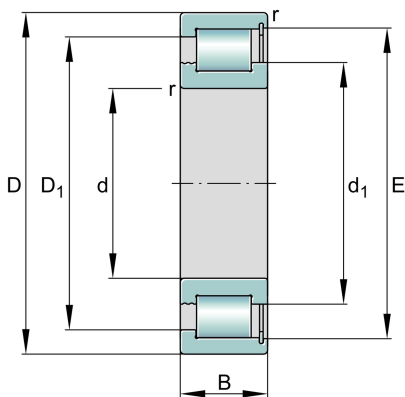
Schaeffler ID:
0505363700000

★ Preferred product

Cylindrical roller bearing SL18, full complement roller set, two-row, semi-locating bearing, 1 rib on outer ring, 3 ribs on inner ring, type SL18

X-life

Technical information



Temperature range

| | | |
|------------|----------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 120 °C | Operating temperature max. |
| | 0,003 kg | Weight |

Main Dimensions & Performance Data

| | | |
|----------|-------------|-----------------------------------|
| d | 40 mm | Bore diameter |
| D | 68 mm | Outside diameter |
| B | 21 mm | Width |
| C_r | 66.000 N | Basic dynamic load rating, radial |
| C_{0r} | 67.000 N | Basic static load rating, radial |
| C_{ur} | 11.400 N | Fatigue load limit, radial |
| n_G | 6.300 1/min | Limiting speed |
| n_{gr} | 4.350 1/min | Reference speed |

Dimensions

| | | |
|-------------|---------|---------------------------------|
| r_{\min} | 1 mm | Minimum chamfer dimension |
| s | 2 mm | Axial displacement |
| d_1 | 50,5 mm | Maximum rib diameter inner ring |
| $D_{1\min}$ | 57,1 mm | Minimum rib diameter outer ring |
| E | 61,7 mm | Raceway diameter outer ring |

Mounting dimensions

| | | |
|-------------|---------|--------------------------------------|
| $d_{a\min}$ | 50,5 mm | Minimum diameter shaft shoulder |
| $d_{c\min}$ | 50,5 mm | Minimum shaft shoulder |
| $D_{a\max}$ | 57 mm | Maximum diameter of housing shoulder |
| $D_{e\min}$ | 61,5 mm | Minimum diameter of housing shoulder |
| $r_{a\max}$ | 1 mm | Maximum recess radius |