

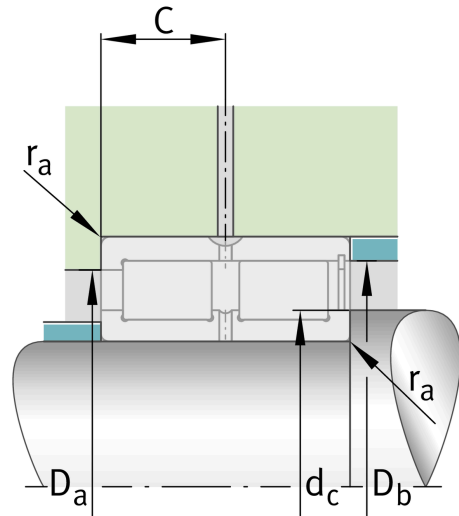
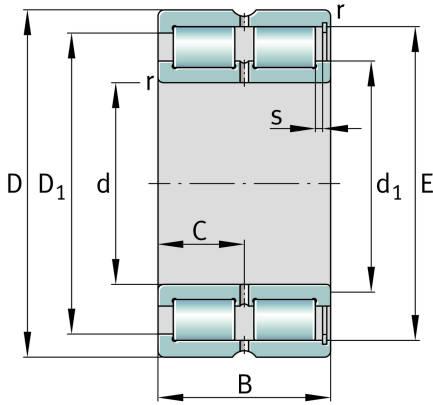
SL185020

Cylindrical roller bearing

Schaeffler Kimliği:
0002697600000

Cylindrical roller bearing SL1850..-A, full complement roller set, two-row, semi-locating bearing, 1 rib on outer ring, 3 ribs on inner ring, type SL18

Teknik bilgiler



Dimensions

| | | |
|-------------|----------|---------------------------------|
| r_{\min} | 1,5 mm | Minimum chamfer dimension |
| $r_{1\min}$ | 1,5 mm | Minimum chamfer dimension |
| s | 4 mm | Axial displacement |
| C | 33,5 mm | Distance to lubrication hole |
| d_1 | 115,7 mm | Maximum rib diameter inner ring |
| $D_{1\min}$ | 134 mm | Minimum rib diameter outer ring |
| E | 140,2 mm | Raceway diameter outer ring |
| | 3,792 kg | Ağırlık |

Main Dimensions & Performance Data

| | | |
|-------------------|-------------|-----------------------------------|
| d | 100 mm | Bore diameter |
| D | 150 mm | Outside diameter |
| B | 67 mm | Width |
| C_r | 370.000 N | Basic dynamic load rating, radial |
| C_{0r} | 600.000 N | Basic static load rating, radial |
| C_{ur} | 87.000 N | Fatigue load limit, radial |
| n_G | 2.600 1/min | Limiting speed |
| $n_{\vartheta r}$ | 1.930 1/min | Reference speed |

Mounting dimensions

| | | |
|--------------|----------|--------------------------------------|
| $d_{c\min}$ | 115,5 mm | Minimum shaft shoulder |
| $d_{a\min}$ | 115,7 mm | Minimum diameter shaft shoulder |
| $D_{a\max}$ | 134 mm | Maximum diameter of housing shoulder |
| $r_{a\max}$ | 1,5 mm | Maximum recess radius |
| $r_{a1\max}$ | 2,1 mm | Maximum recess radius |
| $D_{e\min}$ | 134 mm | Minimum diameter of housing shoulder |

Temperature range

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