

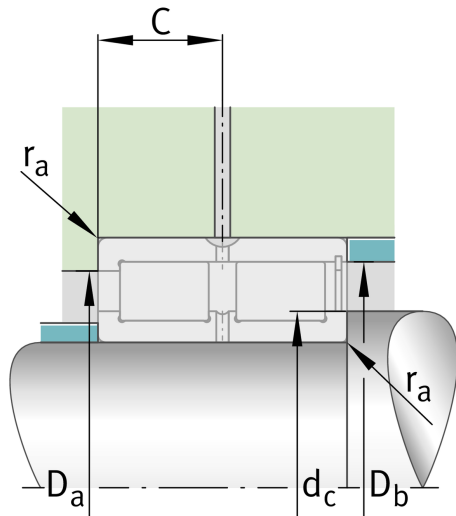
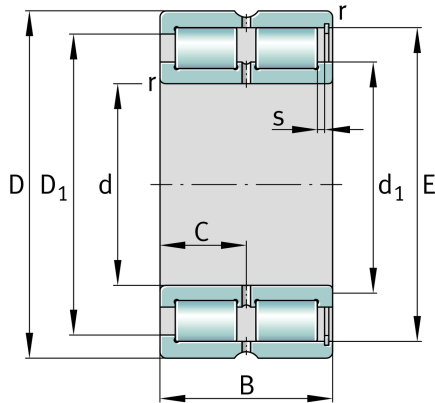
SL185052-TB

Cylindrical roller bearing

Schaeffler ID:
0535298800000

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

Technical information



Main Dimensions & Performance Data

d	260 mm	Bore diameter
D	400 mm	Outside diameter
B	190 mm	Width
C_r	2.750.000 N	Basic dynamic load rating, radial
C_{0r}	5.000.000 N	Basic static load rating, radial
C_{ur}	580.000 N	Fatigue load limit, radial
n_G	940 1/min	Limiting speed
n_{gr}	490 1/min	Reference speed
	79,5 kg	Weight

Dimensions

r_{min}	4 mm	Minimum chamfer dimension
r_{1min}	4 mm	Minimum chamfer dimension
s	11,3 mm	Axial displacement
C	95 mm	Distance to lubrication hole
d_1	304 mm	Maximum rib diameter inner ring
D_{1min}	358 mm	Minimum rib diameter outer ring
E	376 mm	Raceway diameter outer ring

Mounting dimensions

d_{cmin}	304 mm	Minimum shaft shoulder
d_{amin}	304 mm	Minimum diameter shaft shoulder
D_{amax}	360 mm	Maximum diameter of housing shoulder
r_{amax}	4 mm	Maximum recess radius
D_{emin}	358 mm	Minimum diameter of housing shoulder

Temperature range

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