

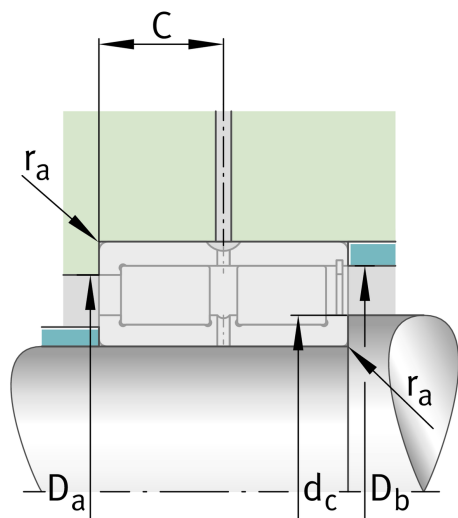
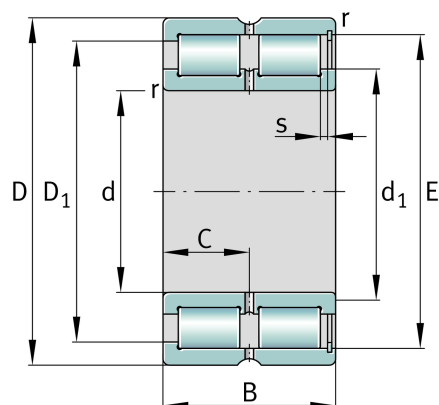
## SL185036-TB

### Cylindrical roller bearing

Schaeffler ID:  
0572439640000

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	180 mm	Bore diameter
D	280 mm	Outside diameter
B	136 mm	Width
$C_r$	1.390.000 N	Basic dynamic load rating, radial
$C_{0r}$	2.480.000 N	Basic static load rating, radial
$C_{ur}$	315.000 N	Fatigue load limit, radial
$n_G$	1.370 1/min	Limiting speed
$n_{gr}$	820 1/min	Reference speed
	28,92 kg	Weight

### Dimensions

$r_{min}$	2,1 mm	Minimum chamfer dimension
$r_{1min}$	2,1 mm	Minimum chamfer dimension
s	8 mm	Axial displacement
C	68 mm	Distance to lubrication hole
$d_1$	212,2 mm	Maximum rib diameter inner ring
$D_{1min}$	249,4 mm	Minimum rib diameter outer ring
E	260,2 mm	Raceway diameter outer ring

### Mounting dimensions

$d_{cmin}$	212 mm	Minimum shaft shoulder
$d_{amin}$	212,2 mm	Minimum diameter shaft shoulder
$D_{amax}$	249,5 mm	Maximum diameter of housing shoulder
$r_{amax}$	2,1 mm	Maximum recess radius
$D_{emin}$	249,4 mm	Minimum diameter of housing shoulder

### Temperature range

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