

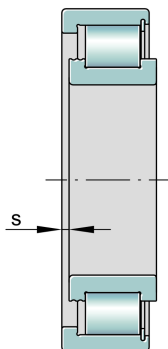
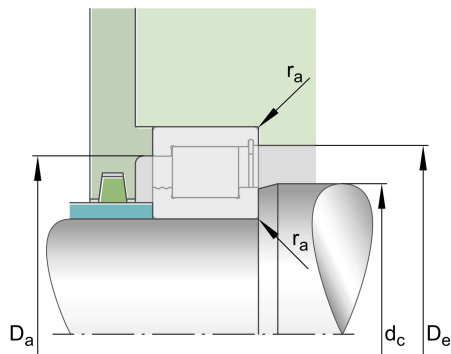
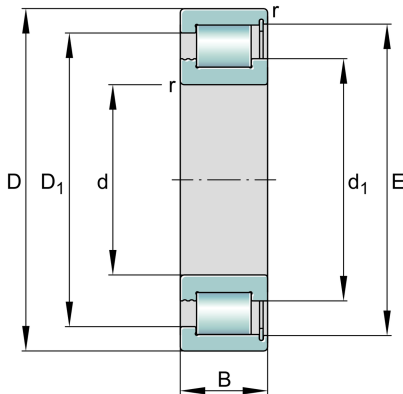
## SL182996-TB

### Cylindrical roller bearing

Schaeffler ID:  
0572464750000

Cylindrical roller bearing SL1829..-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	480 mm	Bore diameter
D	650 mm	Outside diameter
B	100 mm	Width
$C_r$	2.390.000 N	Basic dynamic load rating, radial
$C_{0r}$	4.800.000 N	Basic static load rating, radial
$C_{ur}$	480.000 N	Fatigue load limit, radial
$n_G$	530 1/min	Limiting speed
$n_{gr}$	280 1/min	Reference speed
	94,1 kg	Weight

### Dimensions

$r_{min}$	5 mm	Minimum chamfer dimension
s	7 mm	Axial displacement
$d_1$	538 mm	Maximum rib diameter inner ring
$D_{1min}$	596,6 mm	Minimum rib diameter outer ring
E	614,8 mm	Raceway diameter outer ring

### Mounting dimensions

$d_{amin}$	538 mm	Minimum diameter shaft shoulder
$d_{cmin}$	538 mm	Minimum shaft shoulder
$D_{amax}$	596,5 mm	Maximum diameter of housing shoulder
$D_{emin}$	614,5 mm	Minimum diameter of housing shoulder
$r_{amax}$	5 mm	Maximum recess radius

### Temperature range

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