

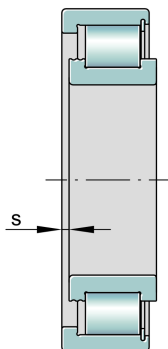
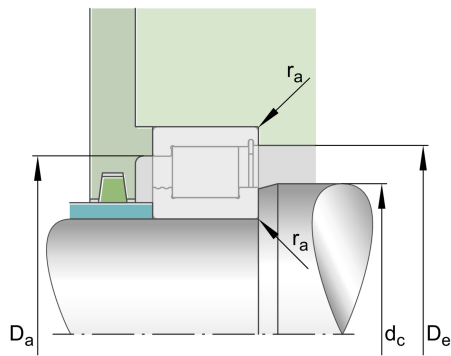
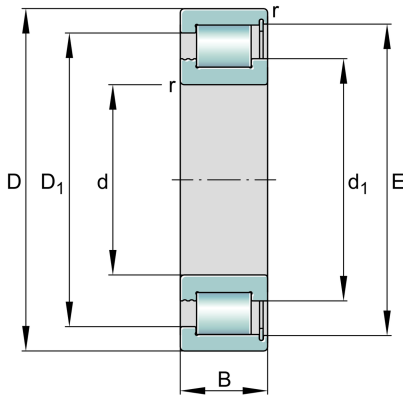
## SL181880-E

### Cylindrical roller bearing

Schaeffler ID:  
0153825240000

Cylindrical roller bearing SL1818..-E, 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	400 mm	Bore diameter
D	500 mm	Outside diameter
B	46 mm	Width
$C_r$	660.000 N	Basic dynamic load rating, radial
$C_{0r}$	1.340.000 N	Basic static load rating, radial
$C_{ur}$	137.000 N	Fatigue load limit, radial
$n_G$	680 1/min	Limiting speed
$n_{gr}$	470 1/min	Reference speed
	19 kg	Weight

### Dimensions

$r_{min}$	2,1 mm	Minimum chamfer dimension
s	4 mm	Axial displacement
$d_1$	432 mm	Maximum rib diameter inner ring
$D_{1min}$	464,5 mm	Minimum rib diameter outer ring
E	475,5 mm	Raceway diameter outer ring

### Mounting dimensions

$d_{amin}$	432 mm	Minimum diameter shaft shoulder
$d_{cmin}$	432 mm	Minimum shaft shoulder
$D_{amax}$	464,5 mm	Maximum diameter of housing shoulder
$D_{emin}$	475,5 mm	Minimum diameter of housing shoulder
$r_{amax}$	2,1 mm	Maximum recess radius

### Temperature range

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