

## ★ SL183005-XL

Cylindrical roller bearing

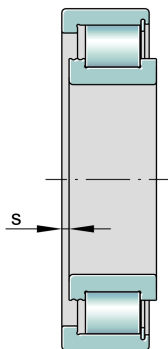
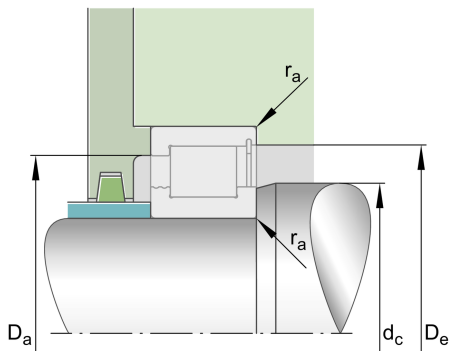
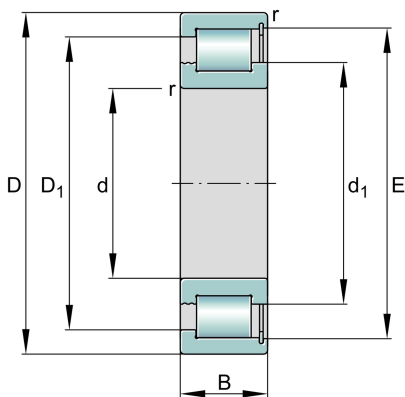
Schaeffler ID:  
0505354120000

★ Preferred product

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

X-life

### Technical information



#### Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.
	0,001 kg	Weight

#### Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	47 mm	Outside diameter
B	16 mm	Width
$C_r$	35.000 N	Basic dynamic load rating, radial
$C_{0r}$	32.000 N	Basic static load rating, radial
$C_{ur}$	5.600 N	Fatigue load limit, radial
$n_G$	9.500 1/min	Limiting speed
$n_{gr}$	6.000 1/min	Reference speed

#### Dimensions

$r_{\min}$	0,6 mm	Minimum chamfer dimension
s	1,5 mm	Axial displacement
$d_1$	34,6 mm	Maximum rib diameter inner ring
$D_{1\min}$	38,5 mm	Minimum rib diameter outer ring
E	42,5 mm	Raceway diameter outer ring

#### Mounting dimensions

$d_{a\min}$	34,6 mm	Minimum diameter shaft shoulder
$d_{c\min}$	34,5 mm	Minimum shaft shoulder
$D_{a\max}$	38,5 mm	Maximum diameter of housing shoulder
$D_{e\min}$	42,5 mm	Minimum diameter of housing shoulder
$r_{a\max}$	0,6 mm	Maximum recess radius