

## ★ SL182210-XL

Cylindrical roller bearing

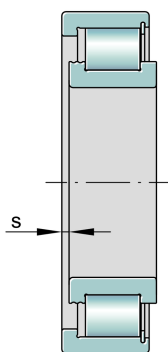
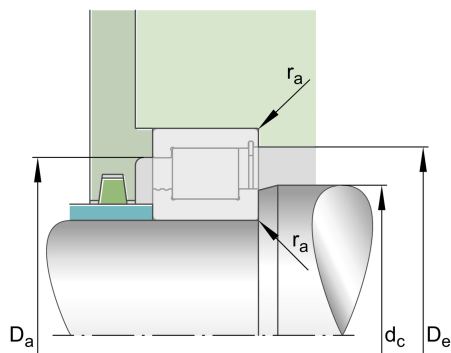
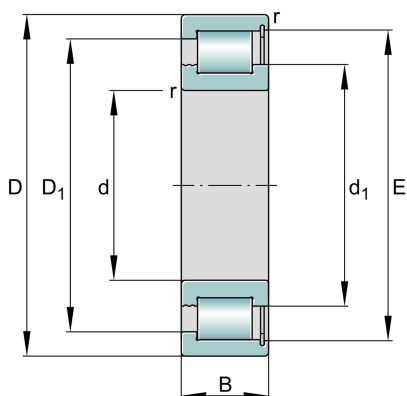
Schaeffler ID:  
0501697420000

★ Preferred product

Cylindrical roller bearing SL1822..-A-XL, full complement roller set, single row, semi-locating bearing, 1 rib on outer ring, 2 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.
	0,006 kg	Weight

#### Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	90 mm	Outside diameter
B	23 mm	Width
$C_r$	109.000 N	Basic dynamic load rating, radial
$C_{0r}$	111.000 N	Basic static load rating, radial
$C_{ur}$	18.500 N	Fatigue load limit, radial
$n_G$	4.750 1/min	Limiting speed
$n_{gr}$	3.000 1/min	Reference speed

#### Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
s	1 mm	Axial displacement
$d_1$	64,4 mm	Maximum rib diameter inner ring
$D_{1\min}$	76,7 mm	Minimum rib diameter outer ring
E	81,4 mm	Raceway diameter outer ring

#### Mounting dimensions

$d_{a\min}$	64,4 mm	Minimum diameter shaft shoulder
$d_{c\min}$	64 mm	Minimum shaft shoulder
$D_{a\max}$	76,5 mm	Maximum diameter of housing shoulder
$D_{e\min}$	81 mm	Minimum diameter of housing shoulder
$r_{a\max}$	1,1 mm	Maximum recess radius