

★ SL182210-XL

Cylindrical roller bearing

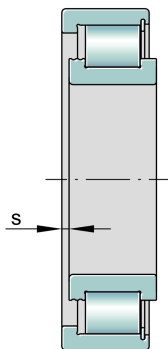
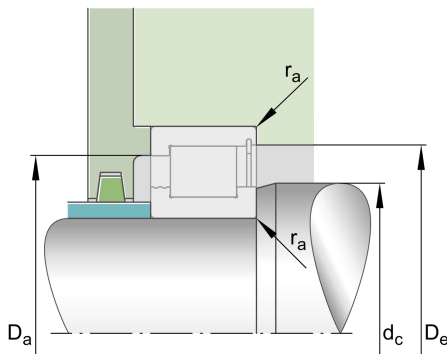
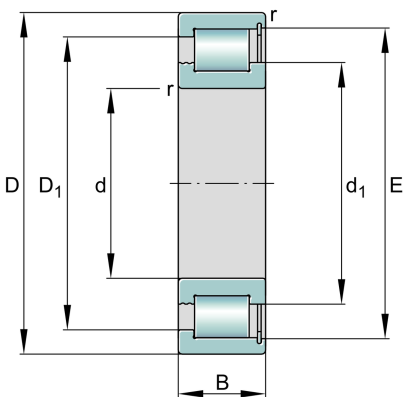
Schaeffler ID:
0501697420000

★ 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



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
	0,006 kg	Weight

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_{1min}	76,7 mm	Minimum rib diameter outer ring
E	81,4 mm	Raceway diameter outer ring

Mounting dimensions

d_{amin}	64,4 mm	Minimum diameter shaft shoulder
d_{cmin}	64 mm	Minimum shaft shoulder
D_{amax}	76,5 mm	Maximum diameter of housing shoulder
D_{emin}	81 mm	Minimum diameter of housing shoulder
r_{amax}	1,1 mm	Maximum recess radius

Temperature range

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