

★ SL182932-XL

Cylindrical roller bearing

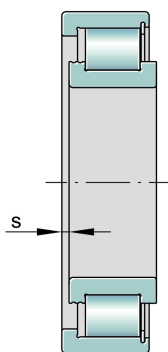
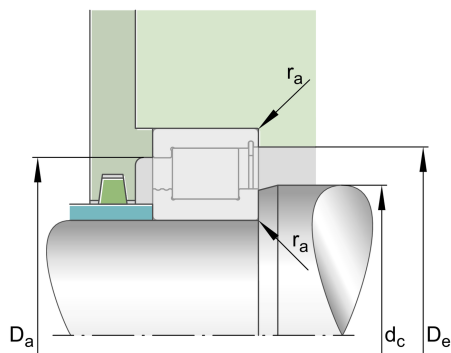
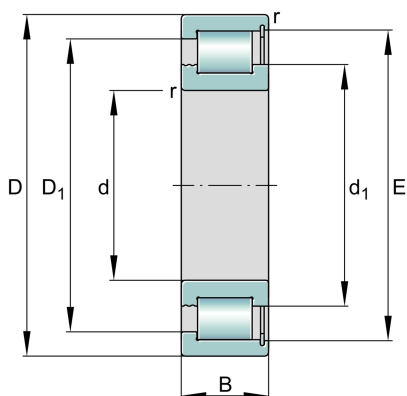
Schaeffler ID:
0508942340000

★ Preferred product

Cylindrical roller bearing SL18, 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.
	3,81 kg	Weight

Main Dimensions & Performance Data

d	160 mm	Bore diameter
D	220 mm	Outside diameter
B	36 mm	Width
C_r	350.000 N	Basic dynamic load rating, radial
C_{0r}	510.000 N	Basic static load rating, radial
C_{ur}	82.000 N	Fatigue load limit, radial
n_G	1.680 1/min	Limiting speed
n_{gr}	1.270 1/min	Reference speed

Dimensions

r_{\min}	2 mm	Minimum chamfer dimension
s	2,5 mm	Axial displacement
d_1	179,7 mm	Maximum rib diameter inner ring
$D_{1\min}$	200,5 mm	Minimum rib diameter outer ring
E	207,6 mm	Raceway diameter outer ring

Mounting dimensions

$d_{a\min}$	179,7 mm	Minimum diameter shaft shoulder
$d_{c\min}$	179,5 mm	Minimum shaft shoulder
$D_{a\max}$	200,5 mm	Maximum diameter of housing shoulder
$D_{e\min}$	207,5 mm	Minimum diameter of housing shoulder
$r_{a\max}$	2 mm	Maximum recess radius