

SL182926-XL

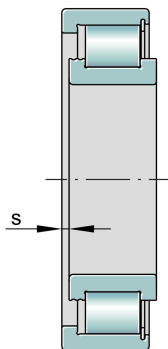
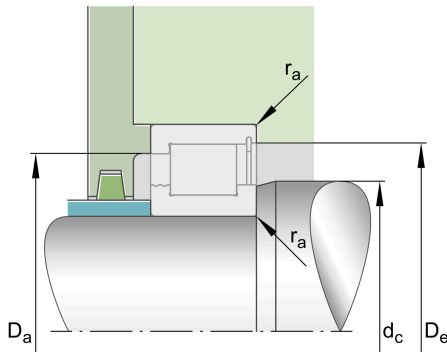
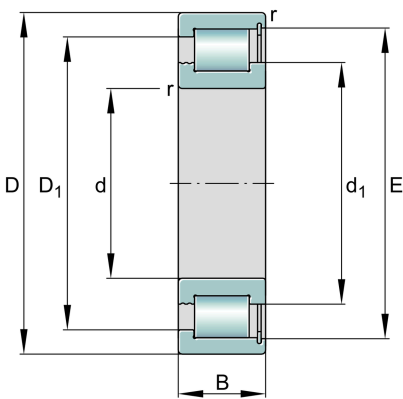
Cylindrical roller bearing

Schaeffler ID:
0508925330000

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



Main Dimensions & Performance Data

d	130 mm	Bore diameter
D	180 mm	Outside diameter
B	30 mm	Width
C_r	238.000 N	Basic dynamic load rating, radial
C_{0r}	350.000 N	Basic static load rating, radial
C_{ur}	55.000 N	Fatigue load limit, radial
n_G	2.420 1/min	Limiting speed
n_{gr}	1.500 1/min	Reference speed
	2,236 kg	{Weight}

Mounting dimensions

$d_{a \min}$	146 mm	Minimum diameter shaft shoulder
$d_{c \min}$	146 mm	Minimum shaft shoulder
$D_{a \max}$	161 mm	Maximum diameter of housing shoulder
$D_{e \min}$	167 mm	Minimum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum recess radius

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
s	2 mm	Axial displacement
d_1	146 mm	Maximum rib diameter inner ring
$D_{1 \min}$	161,1 mm	Minimum rib diameter outer ring
E	167,2 mm	Raceway diameter outer ring

Temperature range

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