

★ SL183009-XL

Cylindrical roller bearing

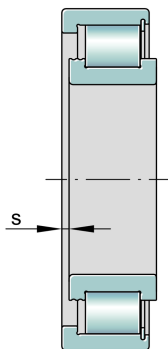
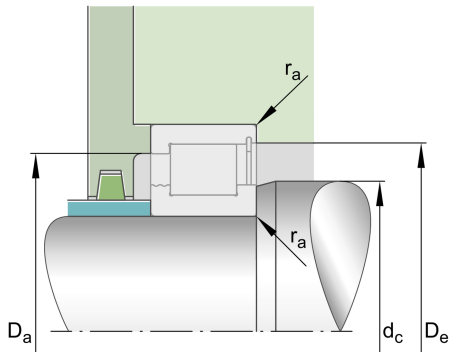
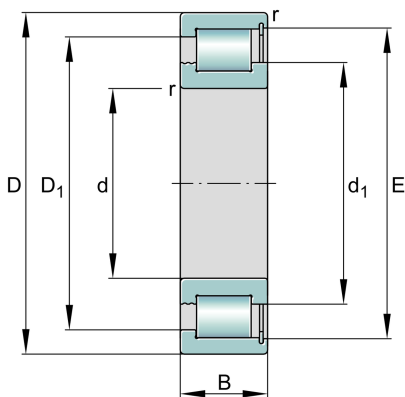
Schaeffler ID:
0505373260000

★ 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.
	0,004 kg	Weight

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	75 mm	Outside diameter
B	23 mm	Width
C_r	70.000 N	Basic dynamic load rating, radial
C_{0r}	74.000 N	Basic static load rating, radial
C_{ur}	12.700 N	Fatigue load limit, radial
n_G	5.800 1/min	Limiting speed
n_{gr}	4.200 1/min	Reference speed

Dimensions

r_{\min}	1 mm	Minimum chamfer dimension
s	2 mm	Axial displacement
d_1	55,3 mm	Maximum rib diameter inner ring
$D_{1\min}$	62,2 mm	Minimum rib diameter outer ring
E	66,9 mm	Raceway diameter outer ring

Mounting dimensions

$d_{a\min}$	55,3 mm	Minimum diameter shaft shoulder
$d_{c\min}$	55 mm	Minimum shaft shoulder
$D_{a\max}$	62 mm	Maximum diameter of housing shoulder
$D_{e\min}$	66,5 mm	Minimum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum recess radius