

★ SL183011-XL

Cylindrical roller bearing

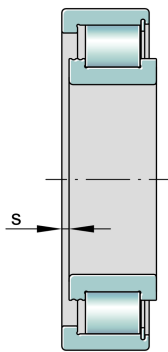
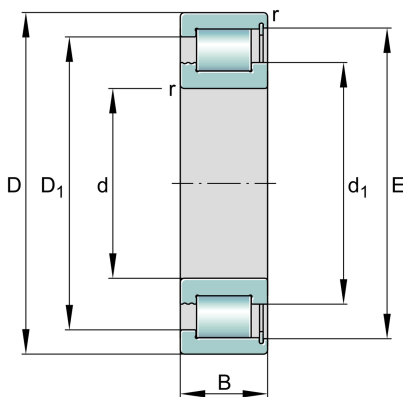
Schaeffler ID:
0505376360000

★ 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.
	0,638 kg	Weight

Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	90 mm	Outside diameter
B	26 mm	Width
C_r	120.000 N	Basic dynamic load rating, radial
C_{0r}	136.000 N	Basic static load rating, radial
C_{ur}	23.000 N	Fatigue load limit, radial
n_G	4.550 1/min	Limiting speed
n_{gr}	3.100 1/min	Reference speed

Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
s	2 mm	Axial displacement
d_1	68,5 mm	Maximum rib diameter inner ring
$D_{1\min}$	78,8 mm	Minimum rib diameter outer ring
E	83,5 mm	Raceway diameter outer ring

Mounting dimensions

$d_{a\min}$	68,5 mm	Minimum diameter shaft shoulder
$d_{c\min}$	68,5 mm	Minimum shaft shoulder
$D_{a\max}$	78,5 mm	Maximum diameter of housing shoulder
$D_{e\min}$	83,5 mm	Minimum diameter of housing shoulder
$r_{a\max}$	1,1 mm	Maximum recess radius