

## ★ SL183012-XL

Cylindrical roller bearing

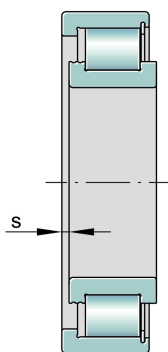
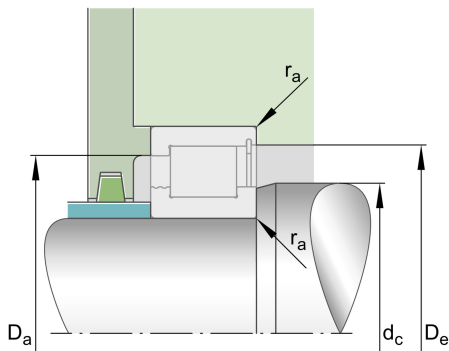
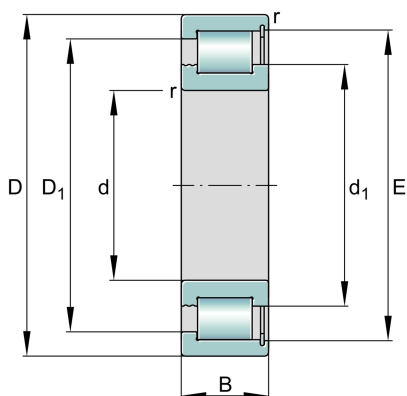
Schaeffler ID:  
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★ Preferred product

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.
	0,667 kg	Weight

#### Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	95 mm	Outside diameter
B	26 mm	Width
$C_r$	123.000 N	Basic dynamic load rating, radial
$C_{0r}$	143.000 N	Basic static load rating, radial
$C_{ur}$	24.100 N	Fatigue load limit, radial
$n_G$	4.350 1/min	Limiting speed
$n_{gr}$	3.000 1/min	Reference speed

#### Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
s	2 mm	Axial displacement
$d_1$	71,7 mm	Maximum rib diameter inner ring
$D_{1\min}$	82,1 mm	Minimum rib diameter outer ring
E	86,7 mm	Raceway diameter outer ring

#### Mounting dimensions

$d_{a\min}$	71,7 mm	Minimum diameter shaft shoulder
$d_{c\min}$	71,5 mm	Minimum shaft shoulder
$D_{a\max}$	82 mm	Maximum diameter of housing shoulder
$D_{e\min}$	86,5 mm	Minimum diameter of housing shoulder
$r_{a\max}$	1,1 mm	Maximum recess radius