

★ SL181848-E

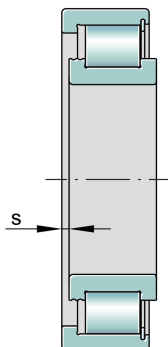
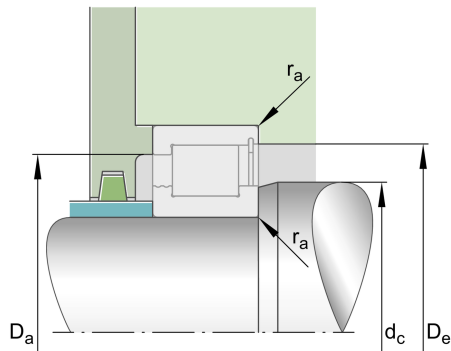
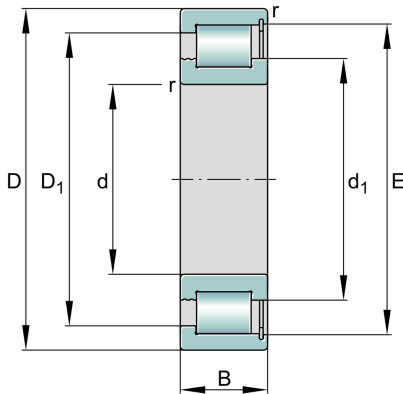
Cylindrical roller bearing

Schaeffler ID:
0153818380000

★ Preferred product

Cylindrical roller bearing SL1818..-E, full complement roller set, single row, semi-locating bearing, 1 rib on outer ring, 2 ribs on inner ring, type SL18

Technical information



Temperature range

T_{min}	-30 °C	Operating temperature min.
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T_{max}	120 °C	Operating temperature max.
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	4,127 kg	Weight
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Main Dimensions & Performance Data

d	240 mm	Bore diameter
D	300 mm	Outside diameter
B	28 mm	Width
C_r	265.000 N	Basic dynamic load rating, radial
C_{0r}	490.000 N	Basic static load rating, radial
C_{ur}	55.000 N	Fatigue load limit, radial
n_G	1.160 1/min	Limiting speed
n_{gr}	870 1/min	Reference speed

Dimensions

r_{min}	2 mm	Minimum chamfer dimension
s	2 mm	Axial displacement
d_1	260,5 mm	Maximum rib diameter inner ring
D_{1min}	281 mm	Minimum rib diameter outer ring
E	287,5 mm	Raceway diameter outer ring

Mounting dimensions

d_{amin}	260,5 mm	Minimum diameter shaft shoulder
d_{cmin}	260,5 mm	Minimum shaft shoulder
D_{amax}	281 mm	Maximum diameter of housing shoulder
D_{emin}	287,5 mm	Minimum diameter of housing shoulder
r_{amax}	2 mm	Maximum recess radius