

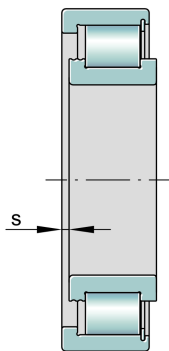
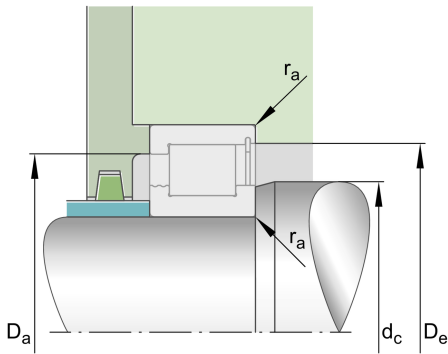
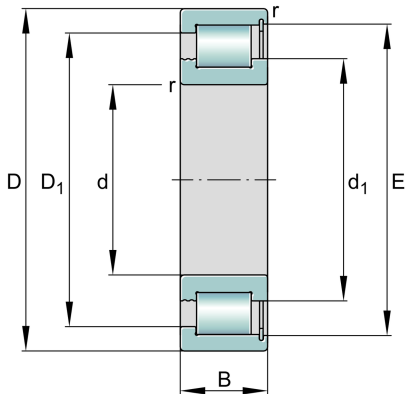
SL182988-TB

Cylindrical roller bearing

Schaeffler ID:
0572463600000

Cylindrical roller bearing SL1829...-TB, full complement roller set, single row, semi-locating bearing, 1 rib on outer ring, 2 ribs on inner ring, type SL18

Technical information



Main Dimensions & Performance Data

d	440 mm	Bore diameter
D	600 mm	Outside diameter
B	95 mm	Width
C _r	2,090,000 N	Basic dynamic load rating, radial
C _{0r}	4,100,000 N	Basic static load rating, radial
C _{ur}	420,000 N	Fatigue load limit, radial
n _G	590 1/min	Limiting speed
n _{gr}	325 1/min	Reference speed
	76.65 kg	Weight

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
s	7 mm	Axial displacement
d ₁	490 mm	Maximum rib diameter inner ring
D _{1 min}	544.6 mm	Minimum rib diameter outer ring
E	562 mm	Raceway diameter outer ring

Mounting dimensions

d _{a min}	490 mm	Minimum diameter shaft shoulder
d _{c min}	490 mm	Minimum shaft shoulder
D _{a max}	544.5 mm	Maximum diameter of housing shoulder
D _{e min}	562 mm	Minimum diameter of housing shoulder
r _{a max}	4 mm	Maximum recess radius

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.