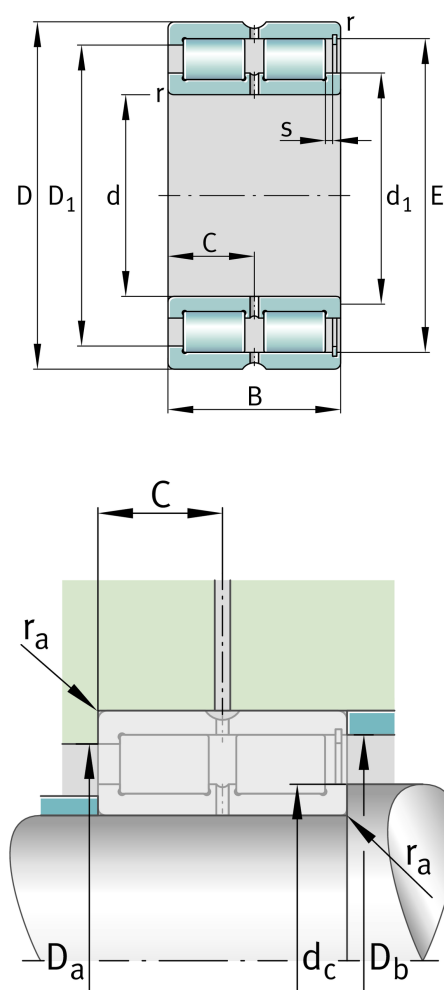


SL185030-A-C3-2S
Cylindrical roller bearing

Schaeffler ID:
0002707840034

Cylindrical roller bearing SL1850..-A, full complement roller set, two-row, semi-locating bearing, 1 rib on outer ring, 3 ribs on inner ring, type SL18

Technical information



Main Dimensions & Performance Data

d	150 mm	Bore diameter
D	225 mm	Outside diameter
B	100 mm	Width
C _r	810.000 N	Basic dynamic load rating, radial
C _{0r}	1.390.000 N	Basic static load rating, radial
C _{ur}	186.000 N	Fatigue load limit, radial
n _G	1.740 1/min	Limiting speed
n _{gr}	1.150 1/min	Reference speed
≈m	12,856 kg	Weight

Mounting dimensions

d _{c min}	170 mm	Minimum shaft shoulder
d _{a min}	170 mm	Minimum diameter shaft shoulder
D _{a max}	198 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius
r _{a1 max}	2 mm	Maximum recess radius
D _{e min}	198 mm	Minimum diameter of housing shoulder

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
r _{1 min}	2 mm	Minimum chamfer dimension
s	6 mm	Axial displacement
C	50 mm	Distance to lubrication hole
d ₁	170 mm	Maximum rib diameter inner ring
D _{1 min}	198 mm	Minimum rib diameter outer ring
E	207,5 mm	Raceway diameter outer ring

Temperature range

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