

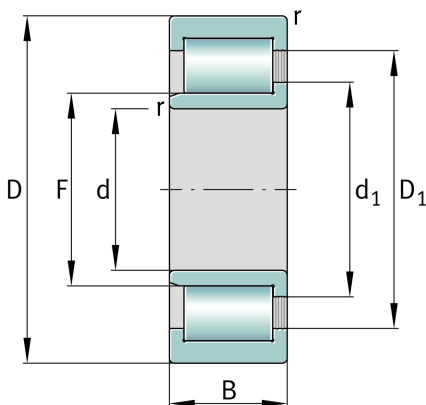
SL192336-TB-BR-C3

Cylindrical roller bearing

Schaeffler ID:
0547119080030

Cylindrical roller bearing SL1923, full compl, roller set self-retaining, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type SL19

Technical information



Main Dimensions & Performance Data

d	180 mm	Bore diameter
D	380 mm	Outside diameter
B	126 mm	Width
C _r	1.940.000 N	Basic dynamic load rating, radial
C _{0r}	2.600.000 N	Basic static load rating, radial
C _{ur}	285.000 N	Fatigue load limit, radial
n _G	1.120 1/min	Limiting speed
n _{gr}	670 1/min	Reference speed
≈m	69,1 kg	Weight

Dimensions

D ₁	312,9 mm	Shoulder diameter outer ring
D _{a max}	312,5 mm	Maximum diameter of housing shoulder
d ₁	245 mm	Shoulder diameter inner ring
d _{a min}	221,5 mm	Minimum diameter shaft shoulder
d _{c min}	245 mm	Minimum shaft shoulder
F	221,6 mm	Raceway diameter inner ring
r _{a max}	4 mm	Maximum fillet radius
r _{min}	4 mm	Minimum chamfer dimension
s	7 mm	Axial displacement

Temperature range

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