

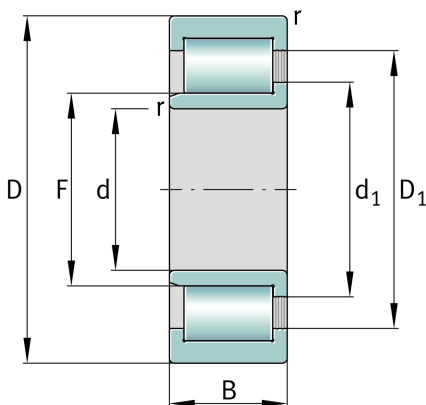
SL192340-TB-BR-C3

Cylindrical roller bearing

Schaeffler ID:
0547119240030

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	200 mm	Bore diameter
D	420 mm	Outside diameter
B	138 mm	Width
C _r	2.470.000 N	Basic dynamic load rating, radial
C _{0r}	3.300.000 N	Basic static load rating, radial
C _{ur}	350.000 N	Fatigue load limit, radial
n _G	1.020 1/min	Limiting speed
n _{gr}	570 1/min	Reference speed
≈m	90,3 kg	Weight

Dimensions

D ₁	347,2 mm	Shoulder diameter outer ring
D _{a max}	347 mm	Maximum diameter of housing shoulder
d ₁	265,7 mm	Shoulder diameter inner ring
d _{a min}	238 mm	Minimum diameter shaft shoulder
d _{c min}	265,5 mm	Minimum shaft shoulder
F	238,5 mm	Raceway diameter inner ring
r _{a max}	5 mm	Maximum fillet radius
r _{min}	5 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.