

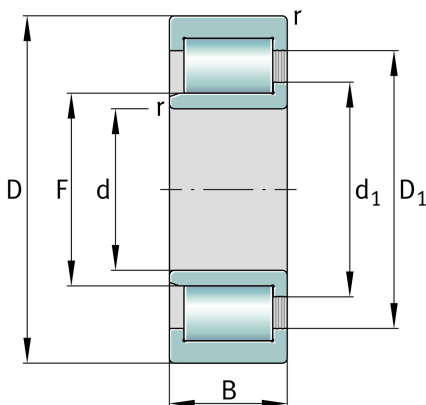
SL192344-TB-BR-C3

Cylindrical roller bearing

Schaeffler ID:
0547121490030

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	220 mm	Bore diameter
D	460 mm	Outside diameter
B	145 mm	Width
C _r	2.650.000 N	Basic dynamic load rating, radial
C _{0r}	3.450.000 N	Basic static load rating, radial
C _{ur}	360.000 N	Fatigue load limit, radial
n _G	910 1/min	Limiting speed
n _{gr}	520 1/min	Reference speed
≈m	109,2 kg	Weight

Dimensions

D ₁	388,3 mm	Shoulder diameter outer ring
D _{a max}	388 mm	Maximum diameter of housing shoulder
d ₁	297 mm	Shoulder diameter inner ring
d _{a min}	266,5 mm	Minimum diameter shaft shoulder
d _{c min}	297 mm	Minimum shaft shoulder
F	266,7 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.