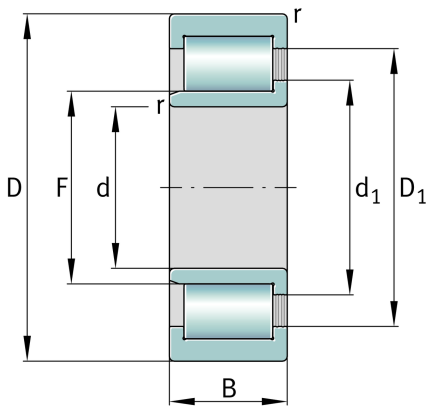


SL192313-C3

Cylindrical roller bearing

Schaeffler ID:
0005395200030

Technical information



Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	140 mm	Outside diameter
B	48 mm	Width
C _r	310.000 N	Basic dynamic load rating, radial
C _{0r}	345.000 N	Basic static load rating, radial
C _{ur}	55.000 N	Fatigue load limit, radial
n _G	3.200 1/min	Limiting speed
n _{gr}	2.180 1/min	Reference speed
≈m	3,443 kg	Weight

Dimensions

D ₁	116,5 mm	Shoulder diameter outer ring
D _{a max}	116,5 mm	Maximum diameter of housing shoulder
d ₁	90 mm	Shoulder diameter inner ring
d _{a min}	80,5 mm	Minimum diameter shaft shoulder
d _{c min}	90 mm	Minimum shaft shoulder
F	80,7 mm	Raceway diameter inner ring
r _{a max}	2,1 mm	Maximum fillet radius
r _{min}	2,1 mm	Minimum chamfer dimension
s	3,5 mm	Axial displacement

Temperature range

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