

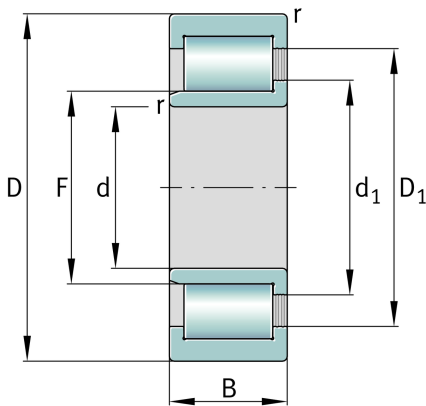
SL192326-TB-XL-BR-C3

Cylindrical roller bearing

Schaeffler ID:
0535305510030

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	130 mm	Bore diameter
D	280 mm	Outside diameter
B	93 mm	Width
C _r	1.260.000 N	Basic dynamic load rating, radial
C _{0r}	1.380.000 N	Basic static load rating, radial
C _{ur}	225.000 N	Fatigue load limit, radial
n _G	1.810 1/min	Limiting speed
n _{gr}	1.040 1/min	Reference speed
≈m	27,8 kg	Weight

Dimensions

D ₁	227,9 mm	Shoulder diameter outer ring
D _{a max}	227,5 mm	Maximum diameter of housing shoulder
d ₁	176 mm	Shoulder diameter inner ring
d _{a min}	157,5 mm	Minimum diameter shaft shoulder
d _{c min}	176 mm	Minimum shaft shoulder
F	157,9 mm	Raceway diameter inner ring
r _{a max}	4 mm	Maximum fillet radius
r _{min}	4 mm	Minimum chamfer dimension
s	5 mm	Axial displacement

Temperature range

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