

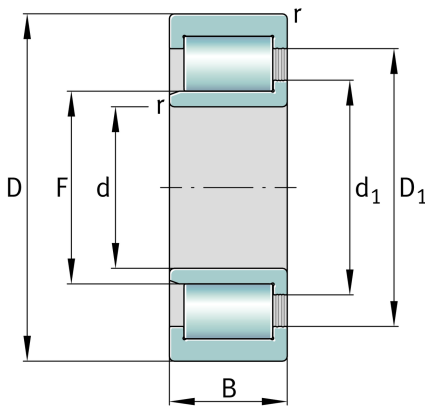
SL192318-TB-XL

Cylindrical roller bearing

Schaeffler ID:
0572427800000

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	90 mm	Bore diameter
D	190 mm	Outside diameter
B	64 mm	Width
C_r	620.000 N	Basic dynamic load rating, radial
C_{0r}	650.000 N	Basic static load rating, radial
C_{ur}	118.000 N	Fatigue load limit, radial
n_G	2.400 1/min	Limiting speed
n_{gr}	1.760 1/min	Reference speed
	8,619 kg	Weight

Dimensions

D_1	152,5 mm	Shoulder diameter outer ring
$D_{a\max}$	152,5 mm	Maximum diameter of housing shoulder
d_1	117,5 mm	Shoulder diameter inner ring
$d_{a\min}$	105 mm	Minimum diameter shaft shoulder
$d_{c\min}$	117,5 mm	Minimum shaft shoulder
F	105,3 mm	Raceway diameter inner ring
$r_{a\max}$	3 mm	Maximum fillet radius
r_{\min}	3 mm	Minimum chamfer dimension
s	4 mm	Axial displacement

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.