

**SL192320-TB-XL-BR-C3** [↗](#)

Cylindrical roller bearing

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



Your current product variant

Number of rows	1	Single-row design
----------------	---	-------------------

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	215 mm	Outside diameter
B	73 mm	Width
C _r	790.000 N	Basic dynamic load rating, radial
C _{0r}	850.000 N	Basic static load rating, radial
C _{ur}	150.000 N	Fatigue load limit, radial
n _G	2.420 1/min	Limiting speed
n _{gr}	1.490 1/min	Reference speed
m	12,742 kg	Weight






Dimensions

D_1	172,8 mm	Shoulder diameter outer ring
$D_{a \max}$	172,5 mm	Maximum diameter of housing shoulder
d_1	132,7 mm	Shoulder diameter inner ring
$d_{a \min}$	119 mm	Minimum diameter shaft shoulder
$d_{c \min}$	132,5 mm	Minimum shaft shoulder
F	119,3 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.

Characteristics

	Radial load
	Axial load in one direction
	Grease Lubrication
	Oil Lubrication
	Not sealed