

**SL192322-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
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Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	240 mm	Outside diameter
B	80 mm	Width
C _r	950.000 N	Basic dynamic load rating, radial
C _{0r}	970.000 N	Basic static load rating, radial
C _{ur}	163.000 N	Fatigue load limit, radial
n _G	2.090 1/min	Limiting speed
n _{gr}	1.270 1/min	Reference speed
m	17,1 kg	Weight








Dimensions

D_1	199,9 mm	Shoulder diameter outer ring
$D_{a \max}$	199,5 mm	Maximum diameter of housing shoulder
d_1	151,1 mm	Shoulder diameter inner ring
$d_{a \min}$	134 mm	Minimum diameter shaft shoulder
$d_{c \min}$	151 mm	Minimum shaft shoulder
F	134,3 mm	Raceway diameter inner ring
$r_{a \max}$	3 mm	Maximum fillet radius
r_{\min}	3 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.

Characteristics

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