

**SL192324-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 rolling element rows	1	Single-row design
--------------------------------	---	-------------------

Main Dimensions & Performance Data

d	120 mm	Bore diameter
D	260 mm	Outside diameter
B	86 mm	Width
C_r	1.130.000 N	Basic dynamic load rating, radial
C_{0r}	1.230.000 N	Basic static load rating, radial
C_{ur}	203.000 N	Fatigue load limit, radial
n_G	1.940 1/min	Limiting speed
n_{gr}	1.120 1/min	Reference speed
m	22,3 kg	Weight








Dimensions

D_1	213,1 mm	Shoulder diameter outer ring
$D_{a \max}$	213 mm	Maximum diameter of housing shoulder
d_1	164,2 mm	Shoulder diameter inner ring
$d_{a \min}$	147 mm	Minimum diameter shaft shoulder
$d_{c \min}$	164 mm	Minimum shaft shoulder
F	147,4 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

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