

**SL192330-TB-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	150 mm	Bore diameter
D	320 mm	Outside diameter
B	108 mm	Width
C _r	1.490.000 N	Basic dynamic load rating, radial
C _{0r}	1.900.000 N	Basic static load rating, radial
C _{ur}	235.000 N	Fatigue load limit, radial
n _G	1.350 1/min	Limiting speed
n _{gr}	840 1/min	Reference speed
m	41,164 kg	Weight









Dimensions

D_1	263,5 mm	Shoulder diameter outer ring
$D_{a \max}$	263,5 mm	Maximum diameter of housing shoulder
d_1	203,3 mm	Shoulder diameter inner ring
$d_{a \min}$	182 mm	Minimum diameter shaft shoulder
$d_{c \min}$	203 mm	Minimum shaft shoulder
F	182,5 mm	Raceway diameter inner ring
$r_{a \max}$	4 mm	Maximum fillet radius
r_{\min}	4 mm	Minimum chamfer dimension
s	7 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
	Large bearing