

**SL192328-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	140 mm	Bore diameter
D	300 mm	Outside diameter
B	102 mm	Width
C_r	1.410.000 N	Basic dynamic load rating, radial
C_{0r}	1.570.000 N	Basic static load rating, radial
C_{ur}	250.000 N	Fatigue load limit, radial
n_G	1.690 1/min	Limiting speed
n_{gr}	970 1/min	Reference speed
m	34,116 kg	Weight






Dimensions

D_1	243,4 mm	Shoulder diameter outer ring
$D_{a \max}$	243 mm	Maximum diameter of housing shoulder
d_1	187,8 mm	Shoulder diameter inner ring
$d_{a \min}$	168 mm	Minimum diameter shaft shoulder
$d_{c \min}$	187,5 mm	Minimum shaft shoulder
F	168,4 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