

**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 rolling element rows	1	Single-row design
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## Main Dimensions &amp; 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