

**SL192348-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 &amp; Performance Data

d	240 mm	Bore diameter
D	500 mm	Outside diameter
B	155 mm	Width
C <sub>r</sub>	2.900.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	3.800.000 N	Basic static load rating, radial
C <sub>ur</sub>	390.000 N	Fatigue load limit, radial
n <sub>G</sub>	860 1/min	Limiting speed
n <sub>gr</sub>	500 1/min	Reference speed
m	139,6 kg	Weight









## Dimensions

$D_1$	408,5 mm	Shoulder diameter outer ring
$D_{a \max}$	408,5 mm	Maximum diameter of housing shoulder
$d_1$	312,5 mm	Shoulder diameter inner ring
$d_{a \min}$	280,5 mm	Minimum diameter shaft shoulder
$d_{c \min}$	312,5 mm	Minimum shaft shoulder
F	280,6 mm	Raceway diameter inner ring
$r_{a \max}$	5 mm	Maximum fillet radius
$r_{\min}$	5 mm	Minimum chamfer dimension
s	10 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