

**SL192317**

Cylindrical roller bearing

## Technical information



## Your current product variant

Number of rows	1	Single-row design
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## Main Dimensions &amp; Performance Data

d	85 mm	Bore diameter
D	180 mm	Outside diameter
B	60 mm	Width
$C_r$	500.000 N	Basic dynamic load rating, radial
$C_{0r}$	610.000 N	Basic static load rating, radial
$C_{ur}$	88.000 N	Fatigue load limit, radial
$n_G$	2.410 1/min	Limiting speed
$n_{gr}$	1.710 1/min	Reference speed
$m$	7,152 kg	Weight







## Dimensions

$D_1$	150,9 mm	Shoulder diameter outer ring
$D_{a \max}$	150,5 mm	Maximum diameter of housing shoulder
$d_1$	118,2 mm	Shoulder diameter inner ring
$d_{a \min}$	107 mm	Minimum diameter shaft shoulder
$d_{c \min}$	118 mm	Minimum shaft shoulder
F	107 mm	Raceway diameter inner ring
$r_{a \max}$	3 mm	Maximum fillet radius
$r_{\min}$	3 mm	Minimum chamfer dimension
s	4 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