

**SL192314**

Cylindrical roller bearing

## Technical information

**Your current product variant**

Number of rows	1	Single-row design
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**Main Dimensions & Performance Data**

d	70 mm	Bore diameter
D	150 mm	Outside diameter
B	51 mm	Width
$C_r$	340.000 N	Basic dynamic load rating, radial
$C_{0r}$	385.000 N	Basic static load rating, radial
$C_{ur}$	60.000 N	Fatigue load limit, radial
$n_G$	3.050 1/min	Limiting speed
$n_{gr}$	2.170 1/min	Reference speed
$m$	4,258 kg	Weight





## Dimensions

$D_1$	121,6 mm	Shoulder diameter outer ring
$D_{a\ max}$	121,5 mm	Maximum diameter of housing shoulder
$d_1$	93,5 mm	Shoulder diameter inner ring
$d_{a\ min}$	84 mm	Minimum diameter shaft shoulder
$d_{c\ min}$	93,5 mm	Minimum shaft shoulder
F	84,1 mm	Raceway diameter inner ring
$r_{a\ max}$	2,1 mm	Maximum fillet radius
$r_{min}$	2,1 mm	Minimum chamfer dimension
s	3,5 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