

**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