

**SL192315-C3**

Cylindrical roller bearing

Technical information

**Your current product variant**

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

d	75 mm	Bore diameter
D	160 mm	Outside diameter
B	55 mm	Width
C _r	405.000 N	Basic dynamic load rating, radial
C _{0r}	465.000 N	Basic static load rating, radial
C _{ur}	72.000 N	Fatigue load limit, radial
n _G	2.800 1/min	Limiting speed
n _{gr}	2.000 1/min	Reference speed
≈m	5,201 kg	Weight





Dimensions

D_1	131,5 mm	Shoulder diameter outer ring
$D_{a \max}$	131,5 mm	Maximum diameter of housing shoulder
d_1	101,6 mm	Shoulder diameter inner ring
$d_{a \min}$	91 mm	Minimum diameter shaft shoulder
$d_{c \min}$	101,5 mm	Minimum shaft shoulder
F	92,2 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

-  Radial load
-  Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed