

**SL192312-C3**

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	60 mm	Bore diameter
D	130 mm	Outside diameter
B	46 mm	Width
C_r	255.000 N	Basic dynamic load rating, radial
C_{0r}	275.000 N	Basic static load rating, radial
C_{ur}	43.500 N	Fatigue load limit, radial
n_G	3.500 1/min	Limiting speed
n_{gr}	2.480 1/min	Reference speed
m	2,834 kg	Weight





Dimensions

D_1	105,8 mm	Shoulder diameter outer ring
$D_{a \max}$	105,5 mm	Maximum diameter of housing shoulder
d_1	82 mm	Shoulder diameter inner ring
$d_{a \min}$	73,5 mm	Minimum diameter shaft shoulder
$d_{c \min}$	82 mm	Minimum shaft shoulder
F	73,6 mm	Raceway diameter inner ring
$r_{a \max}$	2,1 mm	Maximum fillet radius
r_{\min}	2,1 mm	Minimum chamfer dimension
s	3 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