

**SL192312**

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
$m$	2,833 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

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