

**SL192313**

Cylindrical roller bearing

## Technical information



## Your current product variant

Number of rows	1	Single-row design
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## Main Dimensions &amp; Performance Data

d	65 mm	Bore diameter
D	140 mm	Outside diameter
B	48 mm	Width
$C_r$	310.000 N	Basic dynamic load rating, radial
$C_{0r}$	345.000 N	Basic static load rating, radial
$C_{ur}$	55.000 N	Fatigue load limit, radial
$n_G$	3.200 1/min	Limiting speed
$n_{gr}$	2.180 1/min	Reference speed
$m$	3,44 kg	Weight







## Dimensions

$D_1$	116,5 mm	Shoulder diameter outer ring
$D_{a \max}$	116,5 mm	Maximum diameter of housing shoulder
$d_1$	90 mm	Shoulder diameter inner ring
$d_{a \min}$	80,5 mm	Minimum diameter shaft shoulder
$d_{c \min}$	90 mm	Minimum shaft shoulder
F	80,7 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