

**SL192316-C3**

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	80 mm	Bore diameter
D	170 mm	Outside diameter
B	58 mm	Width
$C_r$	475.000 N	Basic dynamic load rating, radial
$C_{0r}$	560.000 N	Basic static load rating, radial
$C_{ur}$	82.000 N	Fatigue load limit, radial
$n_G$	2.600 1/min	Limiting speed
$n_{gr}$	1.820 1/min	Reference speed
$m$	6,179 kg	Weight








## Dimensions

$D_1$	142,1 mm	Shoulder diameter outer ring
$D_{a \max}$	142 mm	Maximum diameter of housing shoulder
$d_1$	109,5 mm	Shoulder diameter inner ring
$d_{a \min}$	98 mm	Minimum diameter shaft shoulder
$d_{c \min}$	109,5 mm	Minimum shaft shoulder
F	98,2 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