

**SL192308-XL**

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	40 mm	Bore diameter
D	90 mm	Outside diameter
B	33 mm	Width
C_r	170.000 N	Basic dynamic load rating, radial
C_{0r}	153.000 N	Basic static load rating, radial
C_{ur}	29.000 N	Fatigue load limit, radial
n_G	5.000 1/min	Limiting speed
n_{gr}	3.050 1/min	Reference speed
m	1,01 kg	Weight






Dimensions

D_1	75,2 mm	Shoulder diameter outer ring
$D_{a \max}$	75 mm	Maximum diameter of housing shoulder
d_1	57,5 mm	Shoulder diameter inner ring
$d_{a \min}$	51 mm	Minimum diameter shaft shoulder
$d_{c \min}$	57,5 mm	Minimum shaft shoulder
F	51,1 mm	Raceway diameter inner ring
$r_{a \max}$	1,5 mm	Maximum fillet radius
r_{\min}	1,5 mm	Minimum chamfer dimension
s	2 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