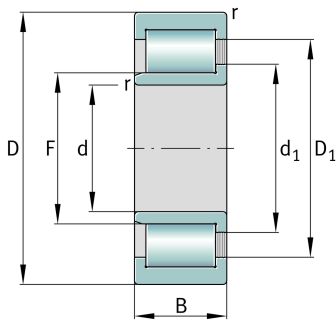




SL192312-C3

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