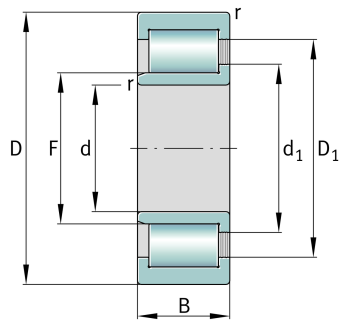




SL192306-XL

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	30 mm	Bore diameter
D	72 mm	Outside diameter
B	27 mm	Width
C _r	100.000 N	Basic dynamic load rating, radial
C _{0r}	87.000 N	Basic static load rating, radial
C _{ur}	14.800 N	Fatigue load limit, radial
n _G	6.800 1/min	Limiting speed
n _{gr}	4.050 1/min	Reference speed
m	0,56 kg	Weight



Dimensions

D ₁	56 mm	Shoulder diameter outer ring
D _{a max}	56 mm	Maximum diameter of housing shoulder
d ₁	43,5 mm	Shoulder diameter inner ring
d _{a min}	38 mm	Minimum diameter shaft shoulder
d _{c min}	43,5 mm	Minimum shaft shoulder
F	38,3 mm	Raceway diameter inner ring
r _{a max}	1,1 mm	Maximum fillet radius
r _{min}	1,1 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