



FAG

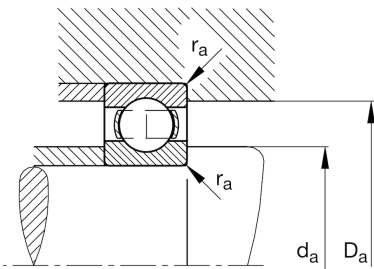
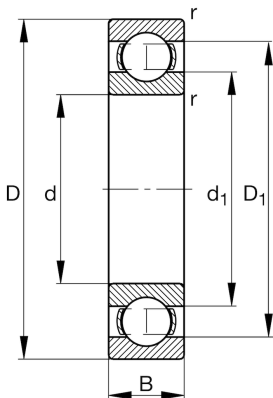
61917-C3

Deep groove ball bearing

Schaeffler ID:
0190027770030

Deep groove ball bearing 619, single row,
steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	[85] mm	Bore diameter
D	[120] mm	Outside diameter
B	[18] mm	Width
C _r	[34.000] N	Basic dynamic load rating, radial
C _{0r}	[31.500] N	Basic static load rating, radial
C _{ur}	[1.690] N	Fatigue load limit, radial
n _G	[7.700] 1/min	Limiting speed
n _{gr}	[5.400] 1/min	Reference speed
	[0,557] kg	Weight

Mounting dimensions

d _{a min}	[91] mm	Minimum diameter shaft shoulder
D _{a max}	[114] mm	Maximum diameter of housing shoulder
r _{a max}	[1] mm	Maximum fillet radius

Dimensions

r _{min}	[1,1] mm	Minimum chamfer dimension
D ₁	[110,02] mm	Shoulder diameter outer ring
d ₁	[97,14] mm	Shoulder diameter inner ring

Temperature range

T _{min}	[-30] °C	Operating temperature min.
T _{max}	[150] °C	Operating temperature max.

Calculation factors

f ₀	[16,6]	Calculation factor
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