

FAG

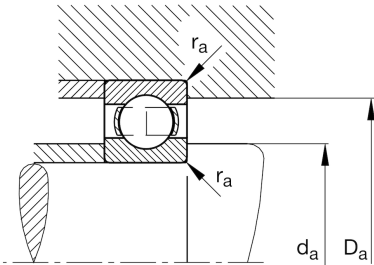
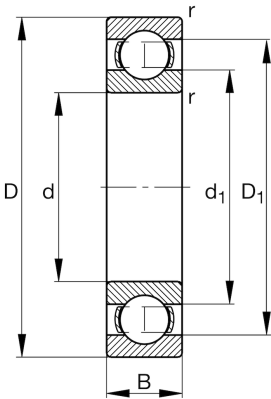
618/900-MA-C3

Deep groove ball bearing

Schaeffler ID:
0190972800030

Deep groove ball bearing 618..-MA, single
row, solid brass cage

Technical information



Main Dimensions & Performance Data

d	900 mm	Bore diameter
D	1.090 mm	Outside diameter
B	85 mm	Width
C _r	570.000 N	Basic dynamic load rating, radial
C _{0r}	1.380.000 N	Basic static load rating, radial
C _{ur}	27.500 N	Fatigue load limit, radial
n _G	930 1/min	Limiting speed
n _{gr}	550 1/min	Reference speed
	172 kg	{Weight}

Mounting dimensions

d _{a min}	918 mm	Minimum diameter shaft shoulder
D _{a max}	1.072 mm	Maximum diameter of housing shoulder
r _{a max}	4 mm	Maximum fillet radius

Dimensions

r _{min}	5 mm	Minimum chamfer dimension
D ₁	1.027 mm	Shoulder diameter outer ring
d ₁	964 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

Calculation factors

f ₀	15,7	Calculation factor
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