

FAG

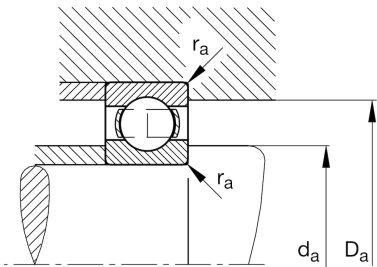
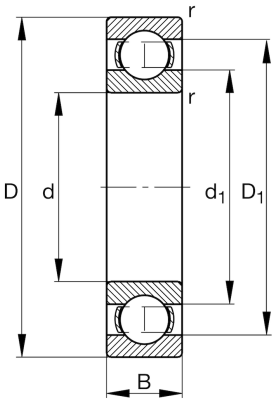
61888-M

Deep groove ball bearing

Schaeffler ID:
0190027690000

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

Technical information



Main Dimensions & Performance Data

d	440 mm	Bore diameter
D	540 mm	Outside diameter
B	46 mm	Width
C _r	227.000 N	Basic dynamic load rating, radial
C _{0r}	355.000 N	Basic static load rating, radial
C _{ur}	11.100 N	Fatigue load limit, radial
n _G	1.980 1/min	Limiting speed
n _{gr}	1.190 1/min	Reference speed
	23,8 kg	Weight

Mounting dimensions

d _{a min}	450,2 mm	Minimum diameter shaft shoulder
D _{a max}	529,8 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum fillet radius

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₁	505,9 mm	Shoulder diameter outer ring
d ₁	474,2 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	15,9	Calculation factor
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