

FAG

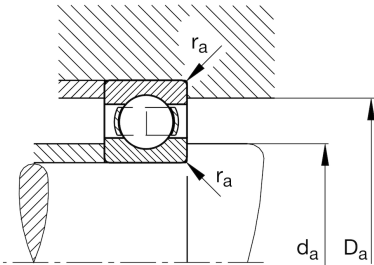
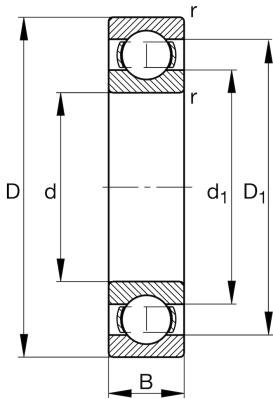
6416-M

Deep groove ball bearing

Schaeffler ID:
0191127180000

Deep groove ball bearing 64...-M, single
row, solid brass cage

Technical information



Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	200 mm	Outside diameter
B	48 mm	Width
C _r	173.000 N	Basic dynamic load rating, radial
C _{0r}	125.000 N	Basic static load rating, radial
C _{ur}	7.100 N	Fatigue load limit, radial
n _G	5.900 1/min	Limiting speed
n _{gr}	5.400 1/min	Reference speed
	8,29 kg	Weight

Dimensions

r _{min}	3 mm	Minimum chamfer dimension
D ₁	162,1 mm	Shoulder diameter outer ring
d ₁	117,9 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	96 mm	Minimum diameter shaft shoulder
D _{a max}	184 mm	Maximum diameter of housing shoulder
r _{a max}	2,5 mm	Maximum fillet radius

Temperature range

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

Calculation factors

f ₀	12,3	Calculation factor
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