

FAG

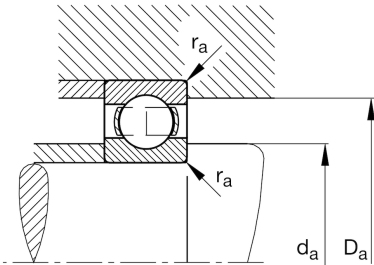
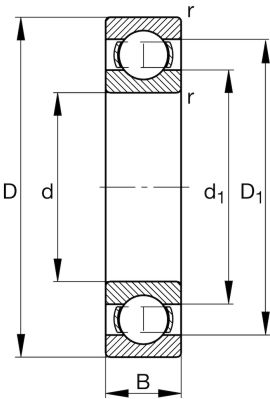
6010

Deep groove ball bearing

Schaeffler ID:
0167176600000

Deep groove ball bearing 60, single row,
steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	80 mm	Outside diameter
B	16 mm	Width
C _r	22,000 N	Basic dynamic load rating, radial
C _{0r}	15,800 N	Basic static load rating, radial
C _{ur}	800 N	Fatigue load limit, radial
n _G	12,200 1/min	Limiting speed
n _{gr}	8,900 1/min	Reference speed
	0.258 kg	Weight

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₁	70.1 mm	Shoulder diameter outer ring
d ₁	59.8 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	54.6 mm	Minimum diameter shaft shoulder
D _{a max}	75.4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Calculation factors

f ₀	15.6	Calculation factor
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Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.