



FAG

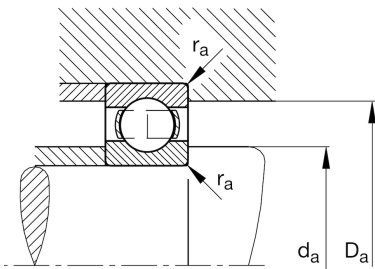
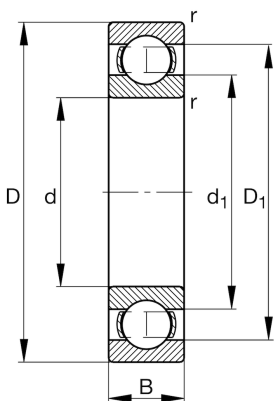
6210-C3

Deep groove ball bearing

Schaeffler ID:
0167206520030

Deep groove ball bearing 62, single row,
steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	90 mm	Outside diameter
B	20 mm	Width
C _r	39.000 N	Basic dynamic load rating, radial
C _{0r}	24.200 N	Basic static load rating, radial
C _{ur}	1.460 N	Fatigue load limit, radial
n _G	10.500 1/min	Limiting speed
n _{gr}	8.200 1/min	Reference speed
≈m	0,442 kg	Weight

Mounting dimensions

d _{a min}	57 mm	Minimum diameter shaft shoulder
D _{a max}	83 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	77,92 mm	Shoulder diameter outer ring
d ₁	62 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

f ₀	14,3	Calculation factor
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