

FAG

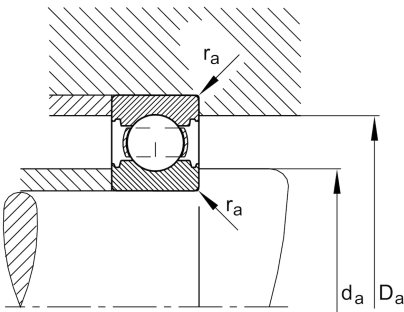
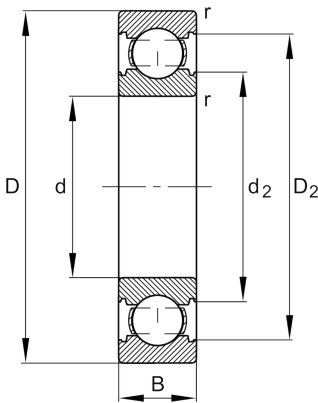
6211-C

Deep groove ball bearing

Schaeffler ID:
0870869640000

Deep groove ball bearing 62...-C, single row, Generation C, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	100 mm	Outside diameter
B	21 mm	Width
C _r	46,500 N	Basic dynamic load rating, radial
C _{0r}	29,000 N	Basic static load rating, radial
C _{ur}	2,030 N	Fatigue load limit, radial
n _G	10,400 1/min	Limiting speed
n _{gr}	8,300 1/min	Reference speed
	0.563 kg	Weight

Dimensions

r _{min}	1.5 mm	Minimum chamfer dimension
D ₂	89.72 mm	Caliber diameter outer ring
d ₂	66.69 mm	Caliber diameter inner ring

Mounting dimensions

d _{a min}	64 mm	Minimum diameter shaft shoulder
D _{a max}	91 mm	Maximum diameter of housing shoulder
r _{a max}	1.5 mm	Maximum fillet radius

Temperature range

f ₀	14.2	Calculation factor
T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.