

FAG

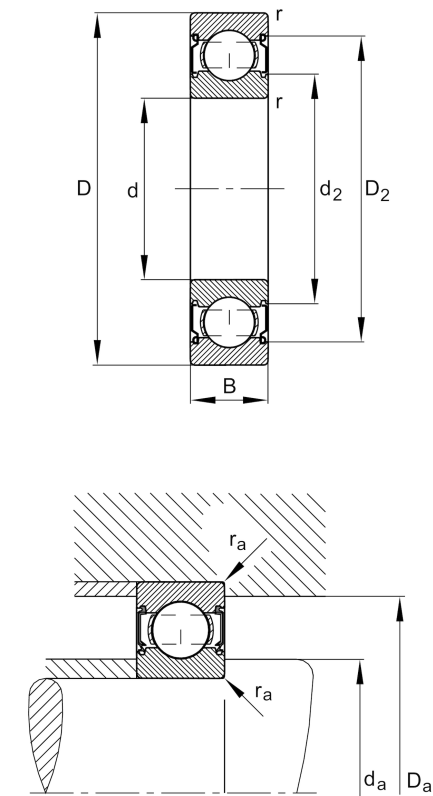
6313-C-2Z

Deep groove ball bearing

Schaeffler ID:
0875164890000

Deep groove ball bearing 63...-C-2Z, single row, cf. DIN 625-1

Technical information



Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	140 mm	Outside diameter
B	33 mm	Width
r _{min}	2.1 mm	Minimum chamfer dimension
C _r	101,000 N	Basic dynamic load rating, radial
C _{0r}	60,000 N	Basic static load rating, radial
C _{ur}	4,100 N	Fatigue load limit, radial
n _G	6,200 1/min	Limiting speed
n _{gr}	7,000 1/min	Reference speed
	2.075 kg	Weight

Dimensions

D ₂	121.4 mm	Caliber diameter outer ring
d ₂	85.6 mm	Caliber diameter inner ring

Mounting dimensions

d _{a min}	77 mm	Minimum diameter shaft shoulder
D _{a max}	128 mm	Maximum diameter of housing shoulder
r _{a max}	2.1 mm	Maximum fillet radius

Calculation factors

f ₀	13.2	Calculation factor
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Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.