



SNR BEARING CORP.OF AMERICA

25 mm x 47 mm x 12 mm SNR 6005.G15C4
Single row deep groove ball bearings

Bearing No. 6005.G15C4

d	25 mm
D	47 mm
B	12 mm
d1	31.6 mm
D1	42.8 mm
rs min	0.6 mm
Radial clearance class	C4
Mass	0.08 kg
Dynamic load, C	9.8 kN
Static load, C0	5.8 kN
Fatigue limit load, Cu	0.26 kN
f0	14.5
Nref	15,000 rpm
Nlim	26,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.44 Hz
Characteristic outer ring frequency, BPF0	4.11 Hz
Characteristic inner ring frequency, BRFI	5.89 Hz
da min	29 mm

6005.G15C4 Bearing 2D drawings and 3D CAD models



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Da max	43 mm
ra max	0.6 mm