



SNR BEARING CORP.OF AMERICA

20 mm x 42 mm x 12 mm SNR 6004 Single row deep groove ball bearings

Bearing No. 6004

6004 Bearing 2D drawings and 3D CAD models

d	20 mm
D	42 mm
B	12 mm
d1	26.9 mm
D1	35.1 mm
rs min	0.6 mm
Radial clearance class	CN
Mass	0.07 kg
Dynamic load, C	9.3 kN
Static load, C0	5 kN
Fatigue limit load, Cu	0.23 kN
f0	13.8
Nref	18,000 rpm
Nlim	29,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.68 Hz
Characteristic outer ring frequency, BPF0	3.58 Hz
Characteristic inner ring frequency, BPF1	5.42 Hz
da min	24 mm



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Da max	38 mm
ra max	0.6 mm