



BEARING CORP.OF AMERICA

75 mm x 130 mm x 41.3 mm SNR
3215AC3(J30) Double row angular contact ball
bearings

Bearing No. 3215AC3(J30)

d	75 mm
D	130 mm
B	41.3 mm
d1	90.3 mm
D1	114.7 mm
a	65 mm
Contact angle	25 °
rs min	1.5 mm
Radial clearance class	C3
Precision class	P0
Mass	2.45 kg
Dynamic load, C	85.9 kN
Static load, C0	84.4 kN
Fatigue limit load, Cu	4.9 kN
f0	15.2
Nref	4,400 rpm
Nlim	4,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.02 Hz
Characteristic outer ring	4.69 Hz

3215AC3(J30) Bearing 2D drawings and 3D CAD
models



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frequency, BPF0	
Characteristic inner ring frequency, BRFI	6.31 Hz
da min	83 mm
Da max	122 mm
ra max	1.5 mm