



BEARING CORP.OF AMERICA



80,000 mm x 140,000 mm x 44,400 mm SNR
3216A Double row angular contact ball bearings

Bearing No. 3216A

3216A Bearing 2D drawings and 3D CAD models

Size	80x140x44.400 mm
Bore Diameter	80,000 mm
Outer Diameter	140,000 mm
Width	44,400 mm
d	80,000 mm
D	140,000 mm
B	44,400 mm
C	44,400 mm
d1	96.1 mm
D1	125.4 mm
a	69 mm
Contact angle	25 °
rs min	2 mm
Radial clearance class	CN
Precision class	P0
Mass	2.45 kg
Dynamic load, C	97 kN
Static load, C0	93 kN
Fatigue limit load, Cu	5.3 kN
f0	15.3
Nref	4,300 rpm
Nlim	4,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C



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Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.12 Hz
Characteristic outer ring frequency, BPF0	4.7 Hz
Characteristic inner ring frequency, BPFI	6.3 Hz
da min	89 mm
Da max	131 mm
ra max	2 mm