



NTN Machinery Manufacturing Co., Ltd



3211A Bearing 2D drawings and 3D CAD models

55,000 mm x 100,000 mm x 33,300 mm SNR
3211A angular contact ball bearings

Bearing No. 3211A

Size	55x100x33.300 mm
Bore Diameter	55,000 mm
Outer Diameter	100,000 mm
Width	33,300 mm
d	55,000 mm
D	100,000 mm
B	33,300 mm
C	33,300 mm
d1	68.7 mm
D1	85.3 mm
a	49.9 mm
Contact angle	25 °
rs min	1.5 mm
Radial clearance class	CN
Precision class	P0
Mass	0.88 kg
Dynamic load, C	55.5 kN
Static load, C0	49.4 kN
Fatigue limit load, Cu	2.95 kN
f0	15
Nref	5,500 rpm
Nlim	6,400 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C



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Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.56 Hz
Characteristic outer ring frequency, BPF0	4.21 Hz
Characteristic inner ring frequency, BRFI	5.79 Hz
da min	63 mm
Da max	92 mm
ra max	1.5 mm