



## NTN-SNR BEARING RULMENTI S.R.L.

55 mm x 100 mm x 21 mm SNR 7211.BGA  
Single row or matched pairs of angular contact ball bearings

Bearing No. 7211.BGA

d	55 mm
D	100 mm
B	21 mm
d1	72.6 mm
d2	61 mm
D1	83 mm
D2	94.2 mm
a	43 mm
Contact angle	40 °
rs min	1.5 mm
r1s min	1 mm
Radial clearance class	CN
Mass	0.63 kg
Dynamic load, C	44.2 kN
Static load, C0	36.1 kN
Fatigue limit load, Cu	1.64 kN
Nref	7,200 rpm
Nlim	7,600 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	5.32 Hz

7211.BGA Bearing 2D drawings and 3D CAD models



## NTN-SNR BEARING RULMENTI S.R.L.

Characteristic outer ring frequency, BPF0	6.44 Hz
Characteristic inner ring frequency, BRFI	8.56 Hz
da min	63.5 mm
db min	63.5 mm
Da max	91.5 mm
Db max	94.5 mm
r1a max	1 mm
ra max	1.5 mm