



NTN-SNR BEARING RULMENTI S.R.L.

50 mm x 90 mm x 20 mm SNR 7210.BGA Single row or matched pairs of angular contact ball bearings

Bearing No. 7210.BGA

d	50 mm
D	90 mm
B	20 mm
d1	66.5 mm
d2	55.1 mm
D1	74.4 mm
D2	85.3 mm
a	39 mm
Contact angle	40 °
rs min	1.1 mm
r1s min	0.6 mm
Radial clearance class	CN
Mass	0.47 kg
Dynamic load, C	35.2 kN
Static load, C0	28.6 kN
Fatigue limit load, Cu	1.3 kN
Nref	8,000 rpm
Nlim	8,400 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	5.4 Hz

7210.BGA Bearing 2D drawings and 3D CAD models



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Characteristic outer ring frequency, BPF0	6.46 Hz
Characteristic inner ring frequency, BRFI	8.54 Hz
da min	57 mm
db min	57 mm
Da max	83 mm
Db max	85.5 mm
r1a max	0.6 mm
ra max	1 mm