



NTN-SNR BEARING RULMENTI S.R.L.

70 mm x 125 mm x 24 mm SNR 7214.BGA
Single row or matched pairs of angular contact ball bearings

Bearing No. 7214.BGA

d	70 mm
D	125 mm
B	24 mm
d1	91 mm
d2	76.9 mm
D1	104.2 mm
D2	118.4 mm
a	53 mm
Contact angle	40 °
rs min	1.5 mm
r1s min	1 mm
Radial clearance class	CN
Mass	1.14 kg
Dynamic load, C	65.9 kN
Static load, C0	57.9 kN
Fatigue limit load, Cu	2.65 kN
Nref	5,800 rpm
Nlim	6,000 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	5.48 Hz

7214.BGA Bearing 2D drawings and 3D CAD models



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Characteristic outer ring frequency, BPF0	6.9 Hz
Characteristic inner ring frequency, BRFI	9.1 Hz
da min	78.5 mm
db min	78.5 mm
Da max	116.5 mm
Db max	119.5 mm
r1a max	1 mm
ra max	1.5 mm