



NTN-SNR BEARING RULMENTI S.R.L.

25 mm x 62 mm x 17 mm SNR 7305.BGA Single row or matched pairs of angular contact ball bearings

Bearing No. 7305.BGA

d	25 mm
D	62 mm
B	17 mm
d1	39.9 mm
d2	30.4 mm
D1	48 mm
D2	57.4 mm
a	26.8 mm
Contact angle	40 °
rs min	1.1 mm
r1s min	0.6 mm
Radial clearance class	CN
Mass	0.22 kg
Dynamic load, C	25.4 kN
Static load, C0	15.1 kN
Fatigue limit load, Cu	0.69 kN
Nref	9,900 rpm
Nlim	14,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	3.46 Hz

7305.BGA Bearing 2D drawings and 3D CAD models



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Characteristic outer ring frequency, BPF0	3.94 Hz
Characteristic inner ring frequency, BRFI	6.06 Hz
da min	32 mm
db min	32 mm
Da max	55 mm
Db max	57.5 mm
r1a max	0.6 mm
ra max	1 mm