



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

90 mm x 190 mm x 43 mm SNR 7318.BG.M  
Single row or matched pairs of angular contact ball bearings

Bearing No. 7318.BG.M

d	90 mm
D	190 mm
B	43 mm
d1	129 mm
d2	101.3 mm
D1	152.2 mm
D2	178.1 mm
a	80 mm
Contact angle	40 °
rs min	3 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass	5.32 kg
Dynamic load, C	158 kN
Static load, C0	141 kN
Fatigue limit load, Cu	5.4 kN
Nref	4,000 rpm
Nlim	4,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.17 Hz

7318.BG.M Bearing 2D drawings and 3D CAD models



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Characteristic outer ring frequency, BPF0	4.93 Hz
Characteristic inner ring frequency, BRFI	7.07 Hz
da min	104 mm
db min	104 mm
Da max	176 mm
Db max	183 mm
r1a max	1 mm
ra max	2.5 mm