



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

80 mm x 170 mm x 39 mm SNR 7316.BG.M  
Single row or matched pairs of angular contact ball bearings

Bearing No. 7316.BG.M

d	80 mm
D	170 mm
B	39 mm
d1	115.3 mm
d2	90.2 mm
D1	136 mm
D2	160.1 mm
a	72 mm
Contact angle	40 °
rs min	2.1 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass	4.28 kg
Dynamic load, C	138 kN
Static load, C0	115 kN
Fatigue limit load, Cu	4.7 kN
Nref	4,400 rpm
Nlim	5,100 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	4.12 Hz

7316.BG.M Bearing 2D drawings and 3D CAD models



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

Characteristic outer ring frequency, BPF0	4.92 Hz
Characteristic inner ring frequency, BRFI	7.08 Hz
da min	92 mm
db min	92 mm
Da max	158 mm
Db max	163 mm
r1a max	1 mm
ra max	2 mm