



NTN-SNR BEARING RULMENTI S.R.L.

120 mm x 215 mm x 40 mm SNR 7224.BG.M
Single row or matched pairs of angular contact ball bearings

Bearing No. 7224.BG.M

7224.BG.M Bearing 2D drawings and 3D CAD models

d	120 mm
D	215 mm
B	40 mm
d1	157.2 mm
d2	190.9 mm
D1	178.8 mm
D2	204.5 mm
a	90 mm
Contact angle	40 °
rs min	2.1 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass	6.21 kg
Dynamic load, C	161 kN
Static load, C0	162 kN
Fatigue limit load, Cu	5.7 kN
Nref	4,000 rpm
Nlim	3,800 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	5.45 Hz



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Characteristic outer ring frequency, BPF0	6.46 Hz
Characteristic inner ring frequency, BRFI	8.53 Hz
da min	132 mm
db min	132 mm
Da max	203 mm
Db max	208 mm
r1a max	1 mm
ra max	2 mm