



SNR BEARING CORP.OF AMERICA

110 mm x 200 mm x 38 mm SNR NJ.222.E.G15
Single row cylindrical roller bearings

Bearing No. NJ.222.E.G15

d	110 mm
D	200 mm
B	38 mm
E	180.5 mm
F	132.5 mm
d1	141.6 mm
D1	173.8 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	4.93 kg
Dynamic load, C	292 kN
Static load, C0	365 kN
Fatigue limit load, Cu	38.9 kN
Nref	3,300 rpm
Nlim	4,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.37 Hz
Characteristic outer ring frequency, BPF0	7.2 Hz
Characteristic inner ring	9.8 Hz

NJ.222.E.G15 Bearing 2D drawings and 3D CAD models



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frequency, BPFI	
da min	121 mm
da max	130 mm
db min	135 mm
dc min	144 mm
Da max	189 mm
ra max	2 mm
r1a max	2 mm