



SNR BEARING CORP.OF AMERICA

95 mm x 170 mm x 32 mm SNR NJ.219.E.G15 Single row cylindrical roller bearings

Bearing No. NJ.219.E.G15

d	95 mm
D	170 mm
B	32 mm
E	154.5 mm
F	112.5 mm
d1	120.5 mm
D1	148.6 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	2.94 kg
Dynamic load, C	222 kN
Static load, C0	267 kN
Fatigue limit load, Cu	29.9 kN
Nref	3,700 rpm
Nlim	4,800 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	6.2 Hz
Characteristic outer ring frequency, BPF0	7.16 Hz
Characteristic inner ring	9.84 Hz

NJ.219.E.G15 Bearing 2D drawings and 3D CAD models



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frequency, BPFI	
da min	106 mm
da max	111 mm
db min	116 mm
dc min	123 mm
Da max	159 mm
ra max	2 mm
r1a max	2 mm