



SNR BEARING CORP.OF AMERICA

95 mm x 170 mm x 43 mm SNR NJ.2219.E.G15
Single row cylindrical roller bearings

Bearing No. NJ.2219.E.G15

| | |
|--|-----------|
| d | 95 mm |
| D | 170 mm |
| B | 43 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) | 3.95 kg |
| Dynamic load, C | 286 kN |
| Static load, C0 | 371 kN |
| Fatigue limit load, Cu | 41.5 kN |
| Nref | 3,100 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.2219.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 |