



SNR BEARING CORP.OF AMERICA

100 mm x 180 mm x 46 mm SNR
NJ.2220.E.G15 Single row cylindrical roller
bearings

Bearing No. NJ.2220.E.G15

| | |
|---|-----------|
| d | 100 mm |
| D | 180 mm |
| B | 46 mm |
| E | 163 mm |
| F | 119 mm |
| d1 | 127.3 mm |
| D1 | 156.9 mm |
| rs min | 2.1 mm |
| r1s min | 2.1 mm |
| Radial clearance class | CN |
| Mass (without HJ ring) | 4.85 kg |
| Dynamic load, C | 333 kN |
| Static load, C0 | 444 kN |
| Fatigue limit load, Cu | 48.8 kN |
| Nref | 2,900 rpm |
| Nlim | 4,500 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 | 6.25 Hz |
| Characteristic outer ring frequency, BPF0 | 7.17 Hz |
| | |

NJ.2220.E.G15 Bearing 2D drawings and 3D CAD models



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| | |
|---|---------|
| Characteristic inner ring frequency, BPFI | 9.83 Hz |
| da min | 111 mm |
| da max | 117 mm |
| db min | 122 mm |
| dc min | 130 mm |
| Da max | 169 mm |
| ra max | 2 mm |
| r1a max | 2 mm |