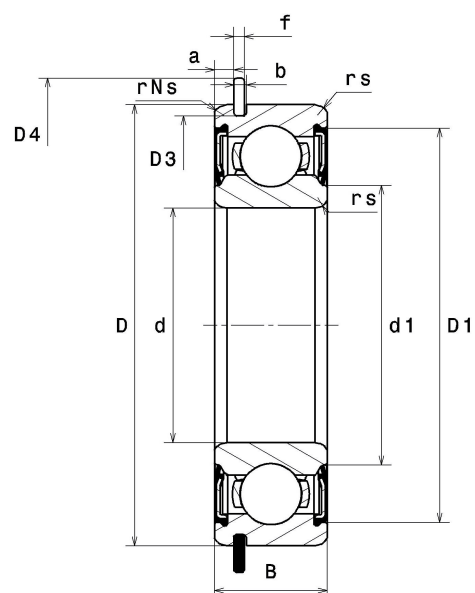


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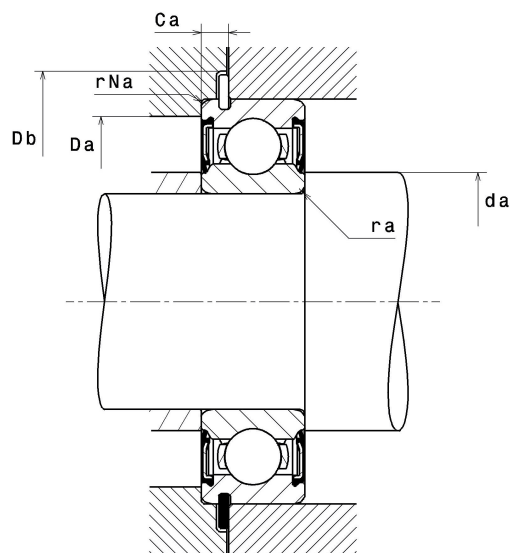


### Single row deep groove ball bearings

| Product definition     |          |
|------------------------|----------|
| d                      | 1.7717 " |
| D                      | 3.3465 " |
| B                      | 0.7480 " |
| d1                     | 2.1457 " |
| D1                     | 2.9764 " |
| a min                  | 0.1209 " |
| a max                  | 0.1291 " |
| Ca min                 | 0.1839 " |
| Ca max                 | 0.1961 " |
| rs min                 | 0.0433 " |
| rNs min                | 0.0197 " |
| D3 max                 | 3.2209 " |
| b min                  | 0.0748 " |
| b max                  | 0.0866 " |
| r0 max                 | 0.0236 " |
| D4 max                 | 3.6063 " |
| f                      | 0.0650 " |
| Snap ring reference    | R85      |
| Radial clearance class | CN       |
| Mass                   | 1.43 oz  |
| Brand                  | SNR      |



| Product performance                           |           |
|-----------------------------------------------|-----------|
| Dynamic load, C                               | 32.20 kN  |
| Static load, C0                               | 20.40 kN  |
| Fatigue limit load, Cu                        | 0.93 kN   |
| f0                                            | 14.1      |
| Nlim                                          | 5,300 RPM |
| Min operating temperature, Tmin               | -4 °C     |
| Max operating temperature, Tmax               | 248 °C    |
| Characteristic cage frequency, FTF            | 0.40 Hz   |
| Characteristic rolling element frequency, BSF | 4.92 Hz   |
| Characteristic outer ring frequency, BPF0     | 3.62 Hz   |
| Characteristic inner ring frequency, BPF1     | 5.38 Hz   |



#### Abutment dimensions

|         |          |
|---------|----------|
| da min  | 2.0276 " |
| da max  | 2.1457 " |
| Da max  | 3.0906 " |
| ra max  | 0.0394 " |
| rNa max | 0.0197 " |
| Db min  | 3.6614 " |

349/702/3/en/DGBB.jpg