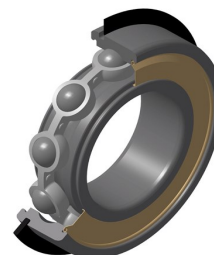
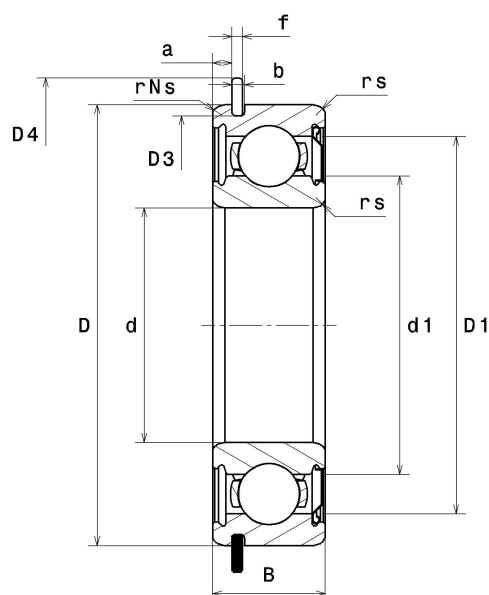


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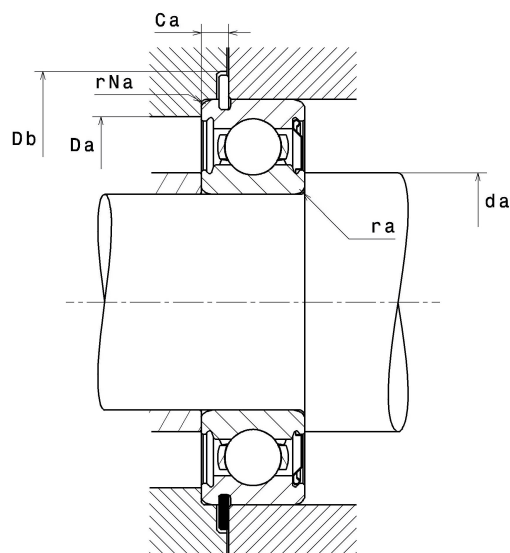


### Single row deep groove ball bearings

| Product definition     |          |
|------------------------|----------|
| d                      | 0.9843 " |
| D                      | 2.4409 " |
| B                      | 0.6693 " |
| d1                     | 1.3346 " |
| D1                     | 2.0748 " |
| 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                 | 2.3469 " |
| b min                  | 0.0748 " |
| b max                  | 0.0866 " |
| r0 max                 | 0.0236 " |
| D4 max                 | 2.6654 " |
| f                      | 0.0650 " |
| Snap ring reference    | R62      |
| Radial clearance class | CN       |
| Mass                   | 0.79 oz  |
| Brand                  | SNR      |



| Product performance                           |            |
|-----------------------------------------------|------------|
| Dynamic load, C                               | 23.50 kN   |
| Static load, C0                               | 12.10 kN   |
| Fatigue limit load, Cu                        | 0.55 kN    |
| f0                                            | 12.2       |
| Nref                                          | 12,000 RPM |
| Nlim                                          | 19,000 RPM |
| Min operating temperature, Tmin               | -40 °C     |
| Max operating temperature, Tmax               | 248 °C     |
| Characteristic cage frequency, FTF            | 0.36 Hz    |
| Characteristic rolling element frequency, BSF | 3.38 Hz    |
| Characteristic outer ring frequency, BPF0     | 2.54 Hz    |
| Characteristic inner ring frequency, BPFI     | 4.46 Hz    |



#### Abutment dimensions

|         |          |
|---------|----------|
| da min  | 1.2402 " |
| da max  | 1.3346 " |
| Da max  | 2.1850 " |
| ra max  | 0.0394 " |
| rNa max | 0.0197 " |
| Db min  | 2.6969 " |

349/702/3/en/DGBB.jpg