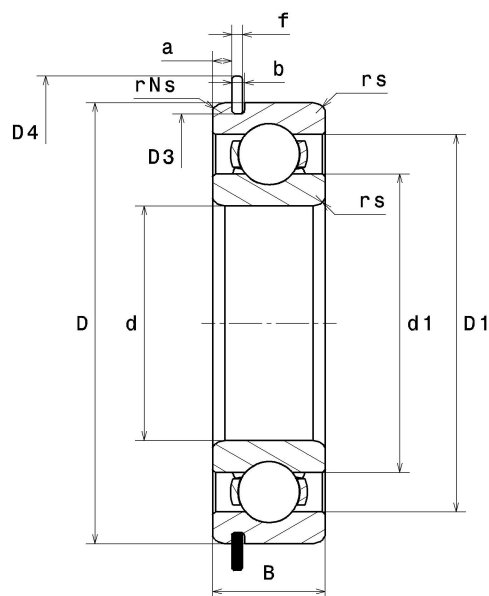


## PDF technical sheet 6203.NR

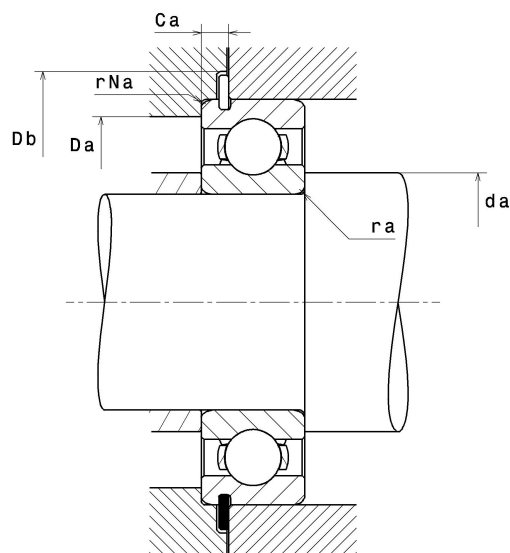


### Single row deep groove ball bearings

| Product definition     |          |
|------------------------|----------|
| d                      | 0.6693 " |
| D                      | 1.5748 " |
| B                      | 0.4724 " |
| d1                     | 0.9488 " |
| D1                     | 1.3740 " |
| a min                  | 0.0748 " |
| a max                  | 0.0811 " |
| Ca min                 | 0.1150 " |
| Ca max                 | 0.1252 " |
| rs min                 | 0.0236 " |
| rNs min                | 0.0197 " |
| D3 max                 | 1.5000 " |
| b min                  | 0.0531 " |
| b max                  | 0.0650 " |
| r0 max                 | 0.0157 " |
| D4 max                 | 1.7559 " |
| f                      | 0.0421 " |
| Snap ring reference    | R40      |
| Radial clearance class | CN       |
| Mass                   | 0.23 oz  |
| Brand                  | SNR      |



| Product performance                           |            |
|-----------------------------------------------|------------|
| Dynamic load, C                               | 9.40 kN    |
| Static load, C0                               | 4.75 kN    |
| Fatigue limit load, Cu                        | 0.22 kN    |
| f0                                            | 13.1       |
| Nref                                          | 18,000 RPM |
| Nlim                                          | 30,000 RPM |
| Min operating temperature, Tmin               | -40 °C     |
| Max operating temperature, Tmax               | 248 °C     |
| Characteristic cage frequency, FTF            | 0.38 Hz    |
| Characteristic rolling element frequency, BSF | 3.99 Hz    |
| Characteristic outer ring frequency, BPF0     | 3.05 Hz    |
| Characteristic inner ring frequency, BPF1     | 4.95 Hz    |



#### Abutment dimensions

|         |          |
|---------|----------|
| da min  | 0.8268 " |
| Da max  | 1.4173 " |
| ra max  | 0.0236 " |
| rNa max | 0.0197 " |
| Db min  | 1.7913 " |

349/702/3/en/DGBB.jpg