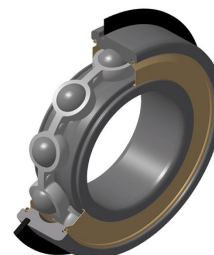
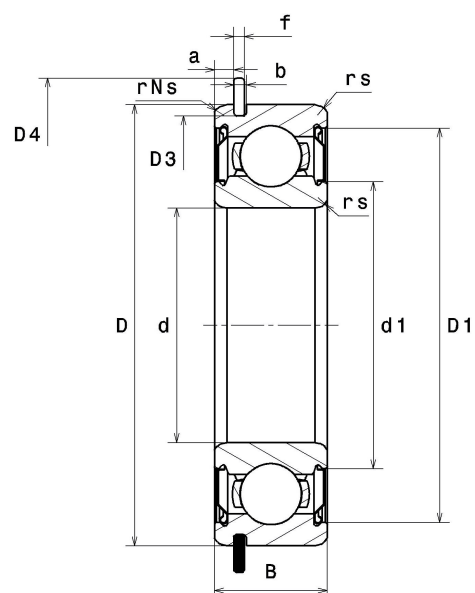


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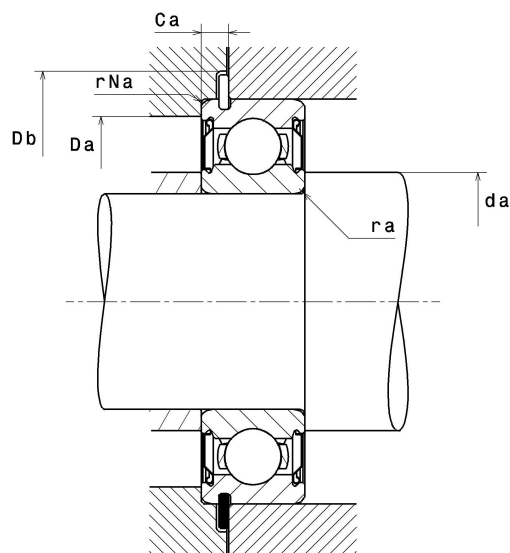


### Single row deep groove ball bearings

| Product definition     |          |
|------------------------|----------|
| d                      | 40 mm    |
| D                      | 68 mm    |
| B                      | 15 mm    |
| d1                     | 48.90 mm |
| D1                     | 62.10 mm |
| a min                  | 2.29 mm  |
| a max                  | 2.49 mm  |
| Ca min                 | 3.89 mm  |
| Ca max                 | 4.19 mm  |
| rs min                 | 1 mm     |
| rNs min                | 0.50 mm  |
| D3 max                 | 64.82 mm |
| b min                  | 1.90 mm  |
| b max                  | 2.20 mm  |
| r0 max                 | 0.60 mm  |
| D4 max                 | 74.60 mm |
| f                      | 1.65 mm  |
| Snap ring reference    | R68      |
| Radial clearance class | CN       |
| Mass                   | 0.19 kg  |
| Brand                  | SNR      |



| Product performance                           |               |
|-----------------------------------------------|---------------|
| Dynamic load, C                               | 16.40 kN      |
| Static load, C0                               | 11.50 kN      |
| Fatigue limit load, Cu                        | 0.52 kN       |
| f0                                            | 15.3          |
| Nref                                          | 11,000 Tr/min |
| Nlim                                          | 13,000 Tr/min |
| Min operating temperature, Tmin               | -20 °C        |
| Max operating temperature, Tmax               | 120 °C        |
| Characteristic cage frequency, FTF            | 0.43 Hz       |
| Characteristic rolling element frequency, BSF | 6.68 Hz       |
| Characteristic outer ring frequency, BPF0     | 5.12 Hz       |
| Characteristic inner ring frequency, BPF1     | 6.88 Hz       |



#### Abutment dimensions

|         |          |
|---------|----------|
| da min  | 45 mm    |
| da max  | 48.90 mm |
| Da max  | 63 mm    |
| ra max  | 1 mm     |
| rNa max | 0.50 mm  |
| Db min  | 76 mm    |

349/702/3/en/DGBB.jpg