

# 1205 SNR 25x52x15mm Characteristic outer ring frequency, BPF0 4.89 Hz Self aligning ball bearings

|   |            |
|---|------------|
| d1  | 33.3 mm    |
| D1  | 43.1 mm    |
| rs min  | 1 mm       |
| e   | 0.27       |
| Y1  | 2.32       |
| Y2  | 3.59       |
| Y0  | 2.43       |
| Radial clearance class                        | CN         |
| Precision class                               | P0         |
| Mass  | 0.14 kg    |
| Dynamic load, C                               | 11.9 kN    |
| Static load, C0                               | 3.3 kN     |
| Fatigue limit load, Cu                        | 0.66 kN    |
| Nref  | 13.000 rpm |
| Nlim  | 18.000 rpm |
| Min operating temperature, Tmin               | -40 °C     |
| Max operating temperature, Tmax               | 120 °C     |
| Characteristic cage frequency, FTF            | 0.41 Hz    |
| Characteristic rolling element frequency, BSF | 5.12 Hz    |
| Characteristic outer ring frequency, BPF0     | 4.89 Hz    |
| Characteristic inner ring frequency, BRFI     | 7.11 Hz    |
| da min  | 30 mm      |

|                     |           |
|---------------------|-----------|
| Da max              | 47 mm     |
| ra max              | 1 mm      |
| Bearing number      | 1205      |
| Size (mm)           | 25x52x15  |
| Brand               | SNR       |
| Bore Diameter (mm)  | 25.000    |
| Outer Diameter (mm) | 52.000    |
| Width (mm)          | 15.000    |
| d                   | 25.000 mm |
| D                   | 52.000 mm |
| B                   | 15.000 mm |
| C                   | 15.000 mm |