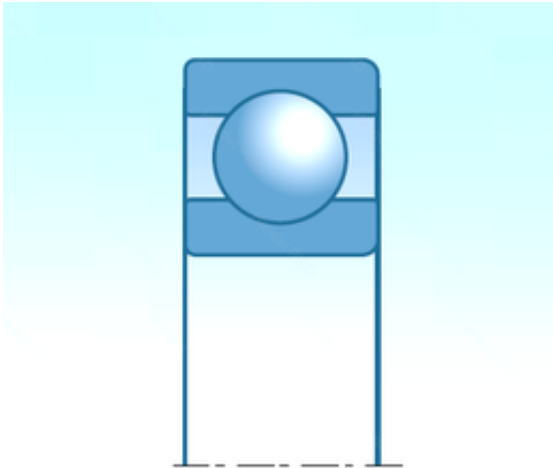




**Bearing No. 6205LT**

|                                           |           |
|-------------------------------------------|-----------|
| D                                         | 52,000 mm |
| d                                         | 25,000 mm |
| B                                         | 15,000 mm |
| C                                         | 15,000 mm |
| f0                                        | 13.9      |
| d1                                        | 31.8 mm   |
| D1                                        | 49.2 mm   |
| Mass                                      | 0.13 kg   |
| Nlim                                      | 9,000 rpm |
| ra max                                    | 1 mm      |
| Da max                                    | 47 mm     |
| da max                                    | 31.8 mm   |
| rs min                                    | 1 mm      |
| da min                                    | 30 mm     |
| Size (mm)                                 | 25x52x15  |
| Width (mm)                                | 15,000    |
| Bearing number                            | 6205LT    |
| Static load, C0                           | 7.9 kN    |
| Dynamic load, C                           | 13.8 kN   |
| Bore Diameter (mm)                        | 25,000    |
| Outer Diameter (mm)                       | 52,000    |
| Fatigue limit load, Cu                    | 0.45 kN   |
| Radial clearance class                    | C3        |
| Min operating temperature, Tmin           | -40 °C    |
| Max operating temperature, Tmax           | 120 °C    |
| Characteristic cage frequency, FTF        | 0.4 Hz    |
| Characteristic outer ring frequency, BPF0 | 3.58 Hz   |
|                                           |           |

|                                               |         |
|-----------------------------------------------|---------|
| Characteristic inner ring frequency, BPFI     | 5.42 Hz |
| Characteristic rolling element frequency, BSF | 4.72 Hz |