



Bearing No. 2205

| | |
|---------------------------------|------------|
| e | 0.43 |
| d | 25,000 mm |
| D | 52,000 mm |
| B | 18,000 mm |
| C | 18,000 mm |
| d1 | 33.2 mm |
| Y0 | 1.53 |
| Y2 | 2.27 |
| Y1 | 1.46 |
| D1 | 42.9 mm |
| Nlim | 17,000 rpm |
| Mass | 0.16 kg |
| Nref | 13,000 rpm |
| rs min | 1 mm |
| da min | 30 mm |
| Da max | 47 mm |
| ra max | 1 mm |
| Size (mm) | 25x52x18 |
| Width (mm) | 18,000 |
| Bearing number | 2205 |
| Static load, C0 | 3.45 kN |
| Dynamic load, C | 12.2 kN |
| Precision class | P0 |
| Bore Diameter (mm) | 25,000 |
| Outer Diameter (mm) | 52,000 |
| Radial clearance class | CN |
| Min operating temperature, Tmin | -40 °C |
| Max operating temperature, Tmax | 120 °C |
| Characteristic cage | 0.41 Hz |

| | |
|---|---------|
| frequency, FTF | |
| Characteristic outer ring frequency, BPF0 | 5.32 Hz |
| Characteristic inner ring frequency, BPF1 | 7.68 Hz |
| Characteristic rolling element frequency, BSF | 5.12 Hz |