



KFY MANUFACTURING MEXICO LIMITED



75 mm x 130 mm x 25 mm SNR 7215CG1UJ74
angular contact ball bearings

Bearing No. 7215CG1UJ74

7215CG1UJ74 Bearing 2D drawings and 3D CAD
models

| | |
|-----------------------------|--------------|
| Size | 75x130x25 mm |
| Bore Diameter | 75 mm |
| Outer Diameter | 130 mm |
| Width | 25 mm |
| d | 75 mm |
| D | 130 mm |
| B | 25 mm |
| C | 25 mm |
| Angle (°) | 15 ° |
| d1 | 93.8 mm |
| D1 | 111.4 mm |
| D2 | 120.88 mm |
| a | 26 mm |
| Contact angle | 15 ° |
| rs min | 1.5 mm |
| r1s min | 0.6 mm |
| f0 | 14.82 |
| Precision class | P4 |
| Mass | 1.2 kg |
| Dynamic load, C | 78.4 kN |
| Static load, C0 | 65.5 kN |
| Fatigue limit load, Cu | 3.45 kN |
| Nlim (oil) | 16,000 rpm |
| Nlim (grease) | 10,000 rpm |
| Axial displacement K Factor | 1.16 |
| | |



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|--|----------------|
| Preload level | 7 |
| Preload value | 0.48 kN |
| Axial rigidity | 102 N/ μ m |
| Radial rigidity | 580 N/ μ m |
| Min operating temperature, Tmin | -30 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.42 Hz |
| Characteristic rolling element frequency, BSF | 5.71 Hz |
| Characteristic outer ring frequency, BPF0 | 6.27 Hz |
| Characteristic inner ring frequency, BRFI | 8.73 Hz |
| da min | 83.5 mm |
| db min | 83.5 mm |
| Da max | 121.5 mm |
| Db max | 121.5 mm |
| r1a max | 0.6 mm |
| ra max | 1.5 mm |
| D6 | 96.4 mm |