

ISO 71932 A angular contact ball bearings

ISO 71932 A angular contact ball bearings, Units 220 mm d and Housings CAD models , 300 mm D Manufacturing Service . Get Your Free.

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|-----------------------------|----------------|
| d | 220 mm |
| D | 300 mm |
| B | 38 mm |
| d1 | 246.7 mm |
| D1 | 273.33 mm |
| D2 | 285 mm |
| a | 54 mm |
| Contact angle α | 15 ° |
| rs min | 2.1 mm |
| r1s min | 1 mm |
| f0 | 16.82 |
| Precision class | P4 |
| Mass | 6.77 kg |
| Dynamic load, C | 177 kN |
| Static load, C0 | 249 kN |
| Fatigue limit load, Cu | 8.2 kN |
| Nlim (oil) | 6,700 rpm |
| Nlim (grease) | 4,400 rpm |
| Axial displacement K Factor | 0.64 |
| Preload level | 7 |
| Preload value | 1.7 kN |
| Axial rigidity | 283 N/ μ m |

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|---|------------------|
| Radial rigidity | 1,575 N/ μ m |
| Min operating temperature, Tmin | -30 °C |
| Max operating temperature, Tmax | 120 °C |
| Characteristic cage frequency, FTF | 0.46 Hz |
| Characteristic rolling element frequency, BSF | 11.62 Hz |
| Characteristic outer ring frequency, BPF0 | 14.22 Hz |
| Characteristic inner ring frequency, BRFI | 16.78 Hz |
| da min | 232 mm |
| db min | 232 mm |
| Da max | 288 mm |
| Db max | 294.5 mm |
| r1a max | 1 mm |
| ra max | 2 mm |
| D6 | 252 mm |