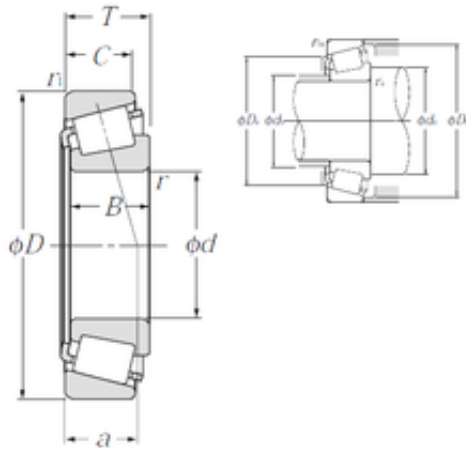




NTN 4T-568/563 tapered roller bearings



Bearing No. 4T-568/563

| | |
|-------------------------------|----------------------|
| Size | 73.817x127x36.512 mm |
| Bore Diameter | 73,817 mm |
| Outer Diameter | 127 mm |
| Width | 36,512 mm |
| d | 73,817 mm |
| D | 127 mm |
| T | 36,512 mm |
| B | 36,17 mm |
| C | 28,575 mm |
| ra1 max. | 3,3 mm |
| a | 8,3 mm |
| Da | 112 mm |
| db | 82 mm |
| ra max. | 0,8 mm |
| da | 83 mm |
| Db | 120 mm |
| Weight | 1,8 Kg |
| Basic dynamic load rating (C) | 163 kN |
| Basic static load rating (C0) | 229 kN |
| (Grease) Lubrication Speed | 2 900 r/min |
| (Oil) Lubrication Speed | 3 800 r/min |
| Calculation factor (e) | 0,36 |
| Calculation factor (Y0) | 0,91 |
| d1 | 98 mm |
| e | 0.36 |
| Y2 | 1.65 |

4T-568/563 Bearing 2D drawings and 3D CAD models



TZR Bearing Machine Development Co.,...

| | |
|---|-----------|
| Y0 | 0.91 |
| Mass | 1.8 kg |
| Dynamic load, C | 163 kN |
| Rating life coefficient, A2 | 1.4 |
| Static load, C0 | 229 kN |
| Fatigue limit load, Cu | 27.9 kN |
| Nlim (oil) | 3,800 rpm |
| Nlim (grease) | 2,900 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.44 Hz |
| Characteristic rolling element frequency, BSF | 7.44 Hz |
| Characteristic outer ring frequency, BPF0 | 8.72 Hz |
| Characteristic inner ring frequency, BPFI | 11.28 Hz |
| ra max | 0.8 mm |
| r1a max | 3.3 mm |