



NTN Bearing Driveshaft do Brasil

55 mm x 120 mm x 43 mm NTN 4T-32311
Single row tapered roller bearings

Bearing No. 4T-32311

| | |
|------------------------------------|-----------|
| d | 55 mm |
| D | 120 mm |
| B | 43 mm |
| C | 35 mm |
| T | 45.5 mm |
| d1 | 85.5 mm |
| a | 30.5 mm |
| rs min | 2.5 mm |
| r1s min | 2 mm |
| e | 0.35 |
| Y2 | 1.74 |
| Y0 | 0.96 |
| Mass | 2.44 kg |
| ISO 355 reference | T2FD055 |
| Dynamic load, C | 215 kN |
| Rating life coefficient, A2 | 1.4 |
| Static load, C0 | 275 kN |
| Fatigue limit load, Cu | 33.5 kN |
| Nlim (oil) | 4,400 rpm |
| Nlim (grease) | 3,300 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.41 Hz |
| | |

4T-32311 Bearing 2D drawings and 3D CAD models



NTN Bearing Driveshaft do Brasil

| | |
|---|---------|
| Characteristic rolling element frequency, BSF | 5.28 Hz |
| Characteristic outer ring frequency, BPF0 | 6.57 Hz |
| Characteristic inner ring frequency, BRFI | 9.43 Hz |
| da max | 68 mm |
| db min | 67 mm |
| Da min | 99 mm |
| Da max | 110 mm |
| Db min | 111 mm |
| Ca min | 4 mm |
| Cb min | 10.5 mm |
| ra max | 2 mm |
| r1a max | 2 mm |