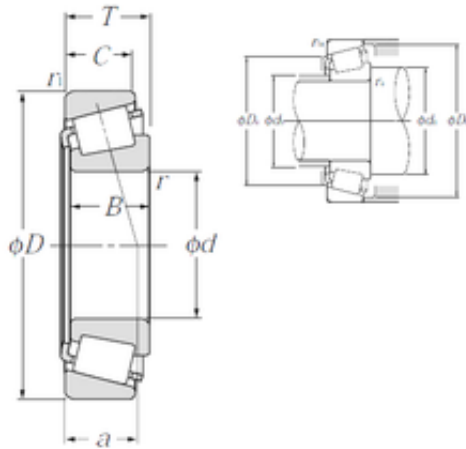




NTN Bearing Rolamentos do Brasil Ltda.

44,45 mm x 93,662 mm x 31,75 mm NTN 4T-46175/46368 Single row tapered roller bearings



Bearing No. 4T-46175/46368

4T-46175/46368 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|-----------------------|
| Size | 44.45x93.662x31.75 mm |
| Bore Diameter | 44,45 mm |
| Outer Diameter | 93,662 mm |
| Width | 31,75 mm |
| d | 44,45 mm |
| D | 93,662 mm |
| T | 31,75 mm |
| B | 31,75 mm |
| C | 26,195 mm |
| ra1 max. | 3,3 mm |
| a | 7,1 mm |
| Da | 79 mm |
| db | 54 mm |
| ra max. | 0,8 mm |
| da | 55 mm |
| Db | 87 mm |
| Weight | 1,04 Kg |
| Basic dynamic load rating (C) | 103 kN |
| Basic static load rating (C0) | 131 kN |
| (Grease) Lubrication Speed | 4 100 r/min |
| (Oil) Lubrication Speed | 5 500 r/min |
| Calculation factor (e) | 0,4 |
| Calculation factor (Y0) | 0,82 |
| d1 | 69 mm |
| e | 0.4 |



NTN Bearing Rolamentos do Brasil Ltda.

| | |
|---|-----------|
| Y2 | 1.49 |
| Y0 | 0.82 |
| Mass | 1.04 kg |
| Dynamic load, C | 103 kN |
| Rating life coefficient, A2 | 1.4 |
| Static load, C0 | 131 kN |
| Fatigue limit load, Cu | 16 kN |
| Nlim (oil) | 5,500 rpm |
| Nlim (grease) | 4,100 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.42 Hz |
| Characteristic rolling element frequency, BSF | 6.31 Hz |
| Characteristic outer ring frequency, BPF0 | 7.23 Hz |
| Characteristic inner ring frequency, BRFI | 9.77 Hz |
| ra max | 0.8 mm |
| r1a max | 3.3 mm |