



SNR Bearing Argentina

87,96 mm x 148,43 mm x 28,971 mm NTN
4T-42346/42584 tapered roller bearings



Bearing No. 4T-42346/42584

4T-42346/42584 Bearing 2D drawings and 3D CAD models

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|-------------------------------|------------------------|
| Size | 87.96x148.43x28.575 mm |
| Bore Diameter | 87,96 mm |
| Outer Diameter | 148,43 mm |
| Width | 28,575 mm |
| d | 87,96 mm |
| D | 148,43 mm |
| T | 28,575 mm |
| B | 28,971 mm |
| C | 21,433 mm |
| ra1 max. | 3 mm |
| a - | 3 mm |
| Da | 134 mm |
| db | 98 mm |
| ra max. | 3 mm |
| da | 103 mm |
| Db | 142 mm |
| Weight | 1,99 Kg |
| Basic dynamic load rating (C) | 138 kN |
| Basic static load rating (C0) | 215 kN |
| (Grease) Lubrication Speed | 2 300 r/min |
| (Oil) Lubrication Speed | 3 100 r/min |
| Calculation factor (e) | 0,49 |
| Calculation factor (Y0) | 0,67 |
| d1 | 122.4 mm |
| a | 31.58 mm |



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|---|-----------|
| e | 0.49 |
| Y2 | 1.22 |
| Y0 | 0.67 |
| Mass | 1.99 kg |
| Dynamic load, C | 138 kN |
| Rating life coefficient, A2 | 1.4 |
| Static load, C0 | 215 kN |
| Fatigue limit load, Cu | 24.7 kN |
| Nlim (oil) | 3,100 rpm |
| Nlim (grease) | 2,300 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.45 Hz |
| Characteristic rolling element frequency, BSF | 10.26 Hz |
| Characteristic outer ring frequency, BPF0 | 11.81 Hz |
| Characteristic inner ring frequency, BPF1 | 14.19 Hz |
| ra max | 3 mm |
| r1a max | 3 mm |