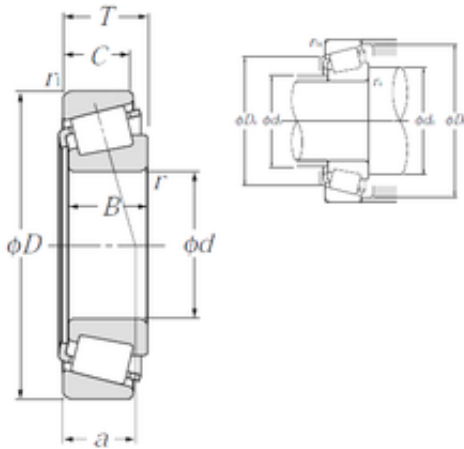




CSC BEARING GROUP limited

69,85 mm x 136,525 mm x 41,275 mm NTN 4T-643/632 Double knee bearing

Bearing No. 4T-643/632



4T-643/632 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|-------------------------|
| Size | 69.85x136.525x41.275 mm |
| Bore Diameter | 69,85 mm |
| Outer Diameter | 136,525 mm |
| Width | 41,275 mm |
| d | 69,85 mm |
| D | 136,525 mm |
| T | 41,275 mm |
| B | 41,275 mm |
| C | 31,75 mm |
| ra1 max. | 3,3 mm |
| a | 11,4 mm |
| Da | 118 mm |
| db | 80 mm |
| ra max. | 3,5 mm |
| da | 86 mm |
| Db | 125 mm |
| Weight | 2,63 Kg |
| Basic dynamic load rating (C) | 194 kN |
| Basic static load rating (C0) | 262 kN |
| (Grease) Lubrication Speed | 2 800 r/min |
| (Oil) Lubrication Speed | 3 800 r/min |
| Calculation factor (e) | 0,36 |
| Calculation factor (Y0) | 0,91 |
| d1 | 99.3 mm |
| e | 0.36 |



CSC BEARING GROUP limited

| | |
|---|-----------|
| Y2 | 1.66 |
| Y0 | 0.91 |
| Mass | 2.63 kg |
| Dynamic load, C | 194 kN |
| Rating life coefficient, A2 | 1.4 |
| Static load, C0 | 262 kN |
| Fatigue limit load, Cu | 31.9 kN |
| Nlim (oil) | 3,800 rpm |
| Nlim (grease) | 2,800 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.43 Hz |
| Characteristic rolling element frequency, BSF | 6.57 Hz |
| Characteristic outer ring frequency, BPF0 | 7.7 Hz |
| Characteristic inner ring frequency, BPF1 | 10.3 Hz |
| ra max | 3.5 mm |
| r1a max | 3.3 mm |
| Category | Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 2.604 |
| Product Group | B04334 |