



BEARING-SINGAPORE (PTE)LTD.



12 mm x 37 mm x 12 mm NTN 1301S self aligning ball bearings

Bearing No. 1301S

1301S Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|--------------|
| Size | 12x37x12 mm |
| Bore Diameter | 12 mm |
| Outer Diameter | 37 mm |
| Width | 12 mm |
| d | 12 mm |
| D | 37 mm |
| B | 12 mm |
| C | 12 mm |
| r min. | 1 mm |
| da min. | 17 mm |
| Da max. | 32 mm |
| ra max. | 1 mm |
| Weight | 0,066 Kg |
| Basic dynamic load rating (C) | 9,65 kN |
| Basic static load rating (C0) | 2,16 kN |
| (Grease) Lubrication Speed | 18 000 r/min |
| (Oil) Lubrication Speed | 22 000 r/min |
| Calculation factor (e) | 0,33 |
| Calculation factor (Y0) | 2 |
| Calculation factor (Y1) | 1,9 |
| rs min | 1 mm |
| e | 0.33 |
| Y1 | 1.9 |
| Y2 | 2.9 |
| Y0 | 2 |



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| | |
|------------------------------------|------------|
| Radial clearance class | CN |
| Precision class | P0 |
| Mass | 0.07 kg |
| Dynamic load, C | 9.65 kN |
| Static load, C0 | 2.16 kN |
| Nlim (oil) | 22,000 rpm |
| Nlim (grease) | 18,000 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| da min | 17 mm |
| Da max | 32 mm |
| ra max | 1 mm |