

ISO 7003 CDT angular contact ball bearings

ISO 7003 CDT angular contact ball bearings, Units and Housings CAD models , Manufacturing Service . Get Your 44000 Series Free.

| | |
|---|---------------|
| Series | 44000 |
| Cone Part Number | 44157X |
| Cup Part Number | 44363D |
| Design Units | Imperial |
| Bearing Weight | 3.48 lb |
| Cage Type | Stamped Steel |
| Ab – Cage-Cone Frontface Clearance | 0.15 in |
| d | 1.5748 in |
| D | 3.6250 in |
| B – Cone Width | 0.9080 in |
| C – Double Cup Width | 1.5625 in |
| T – Bearing Width across Cones | 2.1375 in |
| R – Cone Backface To Clear Radius ¹ | 0.09 in |
| r – Cup Frontface To Clear Radius ² | 0.06 in |
| db – Cone Backface Backing Diameter | 2.2 in |
| Da – Cup Frontface Backing Diameter | 3.39 in |
| Aa – Cage-Cone Backface Clearance | 0.1 in |
| C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) ³ | 5810 lbf |
| C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ⁴ | 39100 lbf |
| C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ⁵ | 10100 lbf |

| | |
|--|----------|
| Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶ | 7770 lbf |
| K – Factor ⁷ | 0.75 |
| e – ISO Factor ⁸ | 0.78 |
| Y1 – ISO Factor ⁹ | 0.86 |
| Y2 – ISO Factor ¹⁰ | 1.29 |
| Cg – Geometry Factor ¹¹ | 0.0899 |