

# NTN HM237546D/HM237510+A tapered roller bearings

NTN HM237546D/HM237510+A tapered roller bearings Industries and Applications ? We sell discount 52000 Series online as well as cheap machinery 52639 Cup Part Number parts.

|   |               |
|---|---------------|
| Series  | 52000         |
| Cone Part Number  | 52400D        |
| Cup Part Number   | 52639         |
| Design Units  | Imperial      |
| Bearing Weight  | 13.900 lb     |
| Cage Type   | Stamped Steel |
| Aa – Cage-Cone Backface Clearance   | 0 in          |
| d   | 4.0000 in     |
| D   | 6.3750 in     |
| B – Double Cone Width   | 3.1250 in     |
| C – Cup Width   | 1.5625 in     |
| T – Bearing Width across Cups   | 3.5311 in     |
| R – Cone Frontface To Clear Radius <sup>1</sup>                               | 0.060 in      |
| r – Cup Backface To Clear Radius <sup>2</sup>                                 | 0.130 in      |
| da – Cone Frontface Backing Diameter  | 4.43 in       |
| Db – Cup Backface Backing Diameter  | 5.67 in       |
| Ab – Cage-Cone Frontface Clearance  | 0.12 in       |
| C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>    | 13000 lbf     |
| C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>      | 87500 lbf     |
| C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup> | 22700 lbf     |

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|--|-----------|
| Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup> | 10600 lbf |
| K – Factor <sup>7</sup>  | 1.23      |
| e – ISO Factor <sup>8</sup>  | 0.47      |
| Y1 – ISO Factor <sup>9</sup>                                       | 1.42      |
| Y2 – ISO Factor <sup>10</sup>                                      | 2.12      |
| G1 – Heat Generation Factor (Roller-Raceway) <sup>11</sup>         | 175       |
| G2 – Heat Generation Factor (Rib-Roller End)                       | 41.7      |
| Cg – Geometry Factor <sup>12</sup>                                 | 0.152     |