



# BEARING-THAILAND CO.,LTD

## TYPE TS



## Timken 39590 Bearing

Bearing No. 39590

39590 Bearing 2D drawings and 3D CAD models

|   |               |
|---|---------------|
| Series  | 39500         |
| Cone Part Number  | 39590         |
| Design Units  | Imperial      |
| Cage Type   | Stamped Steel |
| C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>      | 65300 lbf     |
| C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup> | 16900 lbf     |
| d   | 2.6250 in     |
| B - Cone Width  | 1.1875 in     |
| R - Cone Backface To Clear Radius <sup>3</sup>                                | 0.14 in       |
| da - Cone Frontface Backing Diameter  | 2.95 in       |
| db - Cone Backface Backing Diameter   | 3.23 in       |
| Ab - Cage-Cone Frontface Clearance  | 0.13 in       |
| Aa - Cage-Cone Backface Clearance   | 0.05 in       |
| a - Effective Center Location <sup>4</sup>                                    | -0.26 in      |
| C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>             | 9730 lbf      |
| C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>               | 37500 lbf     |
| C0 - Static Radial Rating   | 50300 lbf     |
|   |               |



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|  |          |
|--|----------|
| C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup> | 5650 lbf |
| K - Factor <sup>8</sup>  | 1.72     |
| G1 - Heat Generation Factor (Roller-Raceway)                                   | 84.3     |
| G2 - Heat Generation Factor (Rib-Roller End)                                   | 23.7     |
| C <sub>g</sub> - Geometry Factor   | 0.107    |