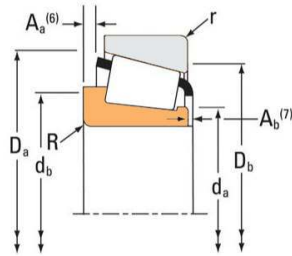




TYPE TS



Timken JM511946 JM511910 Tapered roller bearing

Bearing No. JM511946

JM511946 Bearing 2D drawings and 3D CAD models

|   |               |
|---|---------------|
| Series  | M511900       |
| Cone Part Number  | JM511946      |
| Design Units  | METRIC        |
| Cage Type   | Stamped Steel |
| C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>      | 65400 lbf     |
| C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup> | 17000 lbf     |
| d   | 65.000 mm     |
| B - Cone Width  | 28.000 mm     |
| WPD   | 103.6 mm      |
| DD  | 92.5 mm       |
| R - Cone Backface To Clear Radius <sup>3</sup>                                | 3.050 mm      |
| da - Cone Frontface Backing Diameter  | 72 mm         |
| db - Cone Backface Backing Diameter   | 78 mm         |
| Ab - Cage-Cone Frontface Clearance  | 2.8 mm        |
| Aa - Cage-Cone Backface Clearance   | 0.3 mm        |
| a - Effective Center Location <sup>4</sup>                                    | -3.3 mm       |
| C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>             | 43300 N       |
|   |               |



## Liaocheng City Hsn Bearing Co., Ltd.

|  |          |
|--|----------|
| C1 - Dynamic Radial Rating<br>(1 million revolutions) <sup>6</sup>                   | 167000 N |
| C0 - Static Radial Rating  | 195000 N |
| C <sub>a90</sub> - Dynamic Thrust<br>Rating (90 million<br>revolutions) <sup>7</sup> | 29800 N  |
| K - Factor <sup>8</sup>  | 1.45     |
| G1 - Heat Generation<br>Factor (Roller-Raceway)                                      | 76.3     |
| G2 - Heat Generation<br>Factor (Rib-Roller End)                                      | 23.5     |
| Cg - Geometry Factor   | 0.11     |