



BEARING-THAILAND CO.,LTD

TYPE TS



Timken 759 Bearing

Bearing No. 759

759 Bearing 2D drawings and 3D CAD models

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|---|---------------|
| Series | 755 |
| Cone Part Number | 759 |
| Design Units | Imperial |
| Cage Type | Stamped Steel |
| C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹ | 128000 lbf |
| C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ² | 33200 lbf |
| d | 3.5000 in |
| B - Cone Width | 1.9000 in |
| R - Cone Backface To Clear Radius ³ | 0.14 in |
| da - Cone Frontface Backing Diameter | 3.98 in |
| db - Cone Backface Backing Diameter | 4.25 in |
| Ab - Cage-Cone Frontface Clearance | 0.07 in |
| Aa - Cage-Cone Backface Clearance | 0.11 in |
| a - Effective Center Location ⁴ | -0.47 in |
| C90 - Dynamic Radial Rating (90 million revolutions) ⁵ | 19100 lbf |
| C1 - Dynamic Radial Rating (1 million revolutions) ⁶ | 73600 lbf |
| C0 - Static Radial Rating | 99200 lbf |
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|---|-----------|
| C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷ | 11100 lbf |
| K - Factor ⁸ | 1.71 |
| G1 - Heat Generation Factor (Roller-Raceway) | 177.2 |
| G2 - Heat Generation Factor (Rib-Roller End) | 29.4 |
| Cg - Geometry Factor | 0.0945 |