



BEARING DRIVESHAFT ANDERSON, INC.

TYPE TS



Timken 387a Bearing

Bearing No. 387a

387a Bearing 2D drawings and 3D CAD models

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|---|---------------|
| Series | 385 |
| Cone Part Number | 387A |
| Design Units | Imperial |
| Cage Type | Stamped Steel |
| C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹ | 42200 lbf |
| C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ² | 10900 lbf |
| d | 2.2500 in |
| B - Cone Width | 0.8640 in |
| R - Cone Backface To Clear Radius ³ | 0.14 in |
| da - Cone Frontface Backing Diameter | 2.48 in |
| db - Cone Backface Backing Diameter | 2.76 in |
| Ab - Cage-Cone Frontface Clearance | 0.11 in |
| Aa - Cage-Cone Backface Clearance | 0.03 in |
| a - Effective Center Location ⁴ | -0.12 in |
| C90 - Dynamic Radial Rating (90 million revolutions) ⁵ | 6280 lbf |
| C1 - Dynamic Radial Rating (1 million revolutions) ⁶ | 24200 lbf |
| C0 - Static Radial Rating | 24100 lbf |
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| C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷ | 3810 lbf |
| K - Factor ⁸ | 1.65 |
| G1 - Heat Generation Factor (Roller-Raceway) | 42 |
| G2 - Heat Generation Factor (Rib-Roller End) | 15.7 |
| Cg - Geometry Factor | 0.0859 |