



NTN BEARING CORP.OF America LTD.

TYPE TS



Timken 2788 Bearing

Bearing No. 2788

2788 Bearing 2D drawings and 3D CAD models

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| Series | 2700 |
| Cone Part Number | 2788 |
| Design Units | Imperial |
| Cage Type | Stamped Steel |
| C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹ | 34000 lbf |
| C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ² | 8810 lbf |
| d | 1.5 in |
| B - Cone Width | 1.0100 in |
| R - Cone Backface To Clear Radius ³ | 0.14 in |
| da - Cone Frontface Backing Diameter | 1.71 in |
| db - Cone Backface Backing Diameter | 1.97 in |
| Ab - Cage-Cone Frontface Clearance | 0.06 in |
| Aa - Cage-Cone Backface Clearance | 0.04 in |
| a - Effective Center Location ⁴ | -0.32 in |
| C90 - Dynamic Radial Rating (90 million revolutions) ⁵ | 5060 lbf |
| C1 - Dynamic Radial Rating (1 million revolutions) ⁶ | 19500 lbf |
| C0 - Static Radial Rating | 23000 lbf |
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| C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷ | 2630 lbf |
| K - Factor ⁸ | 1.93 |
| G1 - Heat Generation Factor (Roller-Raceway) | 28.7 |
| G2 - Heat Generation Factor (Rib-Roller End) | 12.2 |
| Cg - Geometry Factor | 0.0725 |