



NTN BEARING CORP.OF America LTD.

TYPE TS



Timken 33275 Bearing

Bearing No. 33275

33275 Bearing 2D drawings and 3D CAD models

| | |
|---|---------------|
| Series | 33000 |
| Cone Part Number | 33275 |
| Design Units | Imperial |
| Cage Type | Stamped Steel |
| C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹ | 54200 lbf |
| C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ² | 14000 lbf |
| d | 2.7500 in |
| B - Cone Width | 1.1875 in |
| R - Cone Backface To Clear Radius ³ | 0.14 in |
| da - Cone Frontface Backing Diameter | 3.11 in |
| db - Cone Backface Backing Diameter | 3.35 in |
| Ab - Cage-Cone Frontface Clearance | 0.07 in |
| Aa - Cage-Cone Backface Clearance | 0.07 in |
| a - Effective Center Location ⁴ | -0.11 in |
| C90 - Dynamic Radial Rating (90 million revolutions) ⁵ | 8060 lbf |
| C1 - Dynamic Radial Rating (1 million revolutions) ⁶ | 31100 lbf |
| C0 - Static Radial Rating | 44300 lbf |
| | |



NTN BEARING CORP.OF America LTD.

| | |
|--|----------|
| C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷ | 6020 lbf |
| K - Factor ⁸ | 1.34 |
| G1 - Heat Generation Factor (Roller-Raceway) | 84.2 |
| G2 - Heat Generation Factor (Rib-Roller End) | 25.9 |
| C _g - Geometry Factor | 0.116 |