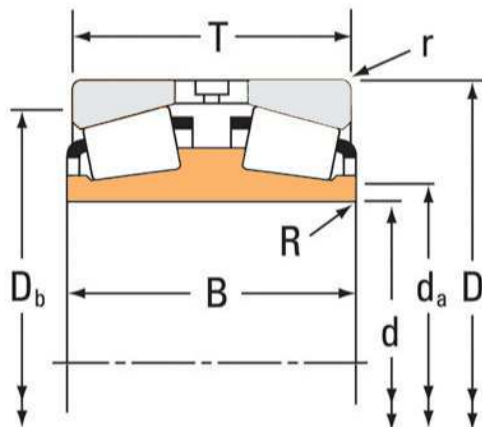




NTK BEARING CORP. OF CANADA LTD.

TYPE TDI



HM265049DW Bearing 2D drawings and 3D CAD models

HM265049DW Thrust Roller Bearing

Bearing No. HM265049DW

| | |
|--|------------|
| Series | HM265000 |
| Cone Part Number | HM265049DW |
| Design Units | Imperial |
| Cage Type | Pin-Type |
| db - Cone Backface Backing Diameter | 15.5 in |
| C1 - Dynamic Radial Rating (1 million revolutions) ¹ | 511000 lbf |
| C0 - Static Radial Rating | 977000 lbf |
| d | 14.5000 in |
| B - Double Cone Width | 7.3125 in |
| R - Cone Frontface To Clear Radius ² | 0.130 in |
| da - Cone Frontface Backing Diameter | 15.5 in |
| Ab - Cage-Cone Frontface Clearance | 0.27 in |
| C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) ³ | 132000 lbf |
| C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ⁴ | 890000 lbf |
| C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ⁵ | 231000 lbf |
| C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁶ | 75400 lbf |
| K - Factor ⁷ | 1.76 |
| | |



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| | |
|---|-------|
| G1 - Heat Generation Factor (Roller-Raceway) ⁸ | 4300 |
| G2 - Heat Generation Factor (Rib-Roller End) | 372 |
| Cg - Geometry Factor ⁹ | 0.211 |