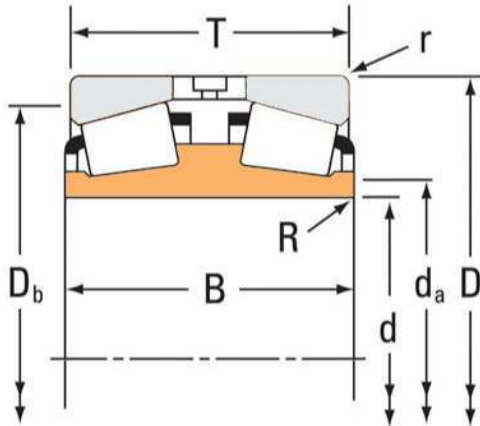




# NTK BEARING CORP. OF CANADA LTD.

## TYPE TDI



HM261049DW Bearing 2D drawings and 3D CAD models

## HM261049DW Tapered Roller Bearings

Bearing No. HM261049DW

Series	HM261000
Cone Part Number	HM261049DW
Design Units	Imperial
Cage Type	Pin-Type
db - Cone Backface Backing Diameter	14.06 in
C1 - Dynamic Radial Rating (1 million revolutions) <sup>1</sup>	360000 lbf
C0 - Static Radial Rating	777000 lbf
d	13.1250 in
B - Double Cone Width	6.5625 in
R - Cone Frontface To Clear Radius <sup>2</sup>	0.130 in
da - Cone Frontface Backing Diameter	14.06 in
Ab - Cage-Cone Frontface Clearance	0.25 in
C90 - Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	93200 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	626000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	162000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	53400 lbf
K - Factor <sup>7</sup>	1.74



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G1 - Heat Generation Factor (Roller-Raceway) <sup>8</sup>	3310
G2 - Heat Generation Factor (Rib-Roller End)	324
Cg - Geometry Factor <sup>9</sup>	0.194