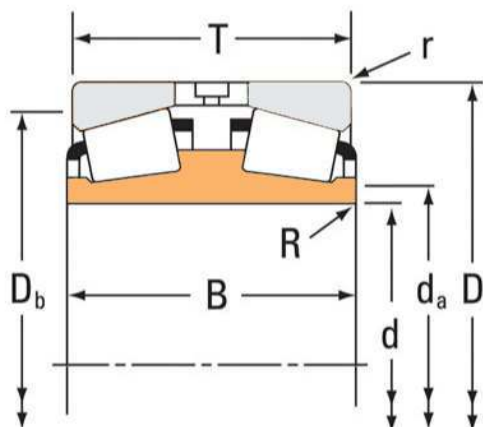




TIMKEN BEARING-SINGAPORE (PTE)LTD.

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) ¹	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 ²	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) ³	93200 lbf
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ⁴	626000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ⁵	162000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁶	53400 lbf
K - Factor ⁷	1.74



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