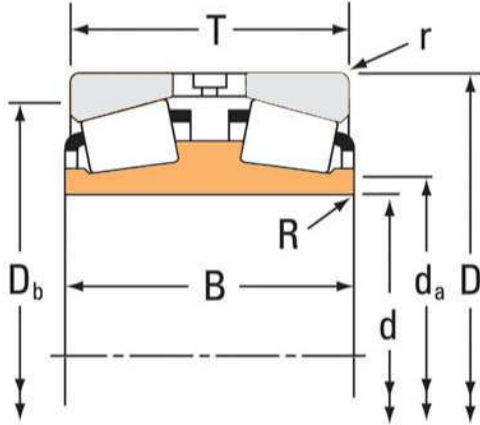




BEARING PRECISION AXLE CORP.

TYPE TDI

HM265049DW Thrust Roller Bearing



HM265049DW Bearing 2D drawings and 3D CAD models

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



BEARING PRECISION AXLE CORP.

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