



NTN BEARING CORP.OF America LTD.

TYPE TS



Timken Im501349 Bearing

Bearing No. Im501349

Im501349 Bearing 2D drawings and 3D CAD models

Cone Part Number	LM501349
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	29300 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	7590 lbf
d	1.6250 in
B - Cone Width	0.7800 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	1.89 in
db - Cone Backface Backing Diameter	2.13 in
Ab - Cage-Cone Frontface Clearance	0.07 in
Aa - Cage-Cone Backface Clearance	0.01 in
a - Effective Center Location ⁴	-0.13 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	4360 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	16800 lbf
C0 - Static Radial Rating	16700 lbf
C _{a90} - Dynamic Thrust	2980 lbf



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Rating (90 million revolutions) ⁷	
K - Factor ⁸	1.46
G1 - Heat Generation Factor (Roller-Raceway)	23.3
G2 - Heat Generation Factor (Rib-Roller End)	13.3
Cg - Geometry Factor	0.0739