



NTPT NTK BEARINGS CO.,LTD.

TYPE TS



Timken m804049 Bearing

Bearing No. m804049

m804049 Bearing 2D drawings and 3D CAD models

Cone Part Number	M804049
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	38600 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	10000 lbf
d	1.8750 in
B - Cone Width	1.0000 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	2.2 in
db - Cone Backface Backing Diameter	2.56 in
Ab - Cage-Cone Frontface Clearance	0.1 in
Aa - Cage-Cone Backface Clearance	0.05 in
a - Effective Center Location ⁴	-0.07 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	5740 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	22200 lbf
C0 - Static Radial Rating	26100 lbf
C _{a90} - Dynamic Thrust	5370 lbf



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Rating (90 million revolutions) ⁷	
K - Factor ⁸	1.07
G1 - Heat Generation Factor (Roller-Raceway)	33.9
G2 - Heat Generation Factor (Rib-Roller End)	12.5
Cg - Geometry Factor	0.0924