



NTA BEARING PRECISION AXLE CORP.

TYPE TS



Timken Qm Railroad Bearings Pillow Block
 Needle Bearing Kit Catalog M88048 M802011
 Lm67048 Lm603011 Lm48548 L68149 L44649
 L44643 Jrm4249 JI69349 Bearing

Bearing No. M88048

M88048 Bearing 2D drawings and 3D CAD models

Series	M88000
Cone Part Number	M88048
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	29900 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	7740 lbf
d	1.3125 in
B - Cone Width	0.8750 in
R - Cone Backface To Clear Radius ³	0.03 in
da - Cone Frontface Backing Diameter	1.62 in
db - Cone Backface Backing Diameter	1.67 in
Ab - Cage-Cone Frontface Clearance	0.06 in
Aa - Cage-Cone Backface Clearance	0.05 in
a - Effective Center Location ⁴	-0.11 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	4450 lbf



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C1 - Dynamic Radial Rating (1 million revolutions) ⁶	17100 lbf
C0 - Static Radial Rating	17400 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	4160 lbf
K - Factor ⁸	1.07
Cg - Geometry Factor	0.0771