



# NACHI BEARINGS TRAINING INDUSTRY

## TYPE TS



## Timken Im67048 Mounted Units & Inserts

Bearing No. Im67048

Series	LM67000
Cone Part Number	LM67048
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	18300 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	4740 lbf
d	1.2500 in
B - Cone Width	0.6600 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da - Cone Frontface Backing Diameter	1.42 in
db - Cone Backface Backing Diameter	1.67 in
Ab - Cage-Cone Frontface Clearance	0.05 in
Aa - Cage-Cone Backface Clearance	0.01 in
a - Effective Center Location <sup>4</sup>	-0.12 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	2720 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	10500 lbf
C0 - Static Radial Rating	10000 lbf

Im67048 Bearing 2D drawings and 3D CAD models



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$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	1920 lbf
K - Factor <sup>8</sup>	1.42
G1 - Heat Generation Factor (Roller-Raceway)	12.8
G2 - Heat Generation Factor (Rib-Roller End)	9.93
Cg - Geometry Factor	0.0612