



RAA Bearing Trading Co., Ltd.

TYPE TS



timken Im67048 Angular Contact Ball Bearings

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) ¹	18300 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	4740 lbf
d	1.2500 in
B - Cone Width	0.6600 in
R - Cone Backface To Clear Radius ³	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 ⁴	-0.12 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	2720 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	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) ⁷	1920 lbf
K - Factor ⁸	1.42
G1 - Heat Generation Factor (Roller-Raceway)	12.8
G2 - Heat Generation Factor (Rib-Roller End)	9.93
Cg - Geometry Factor	0.0612