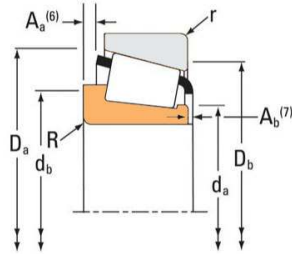




NTN Bearing Manufacturing

TYPE TS



Timken Im67048 Bearing spherical bearings

Bearing No. Im67048

Im67048 Bearing 2D drawings and 3D CAD models

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



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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