



BEARING-THAILAND CO.,LTD

TYPE TS



Timken II225749 Bearing

Bearing No. II225749

II225749 Bearing 2D drawings and 3D CAD models

Cone Part Number	LL225749
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	35300 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	9150 lbf
d	5 in
B - Cone Width	0.6875 in
R - Cone Backface To Clear Radius ³	0.06 in
da - Cone Frontface Backing Diameter	5.24 in
db - Cone Backface Backing Diameter	5.31 in
Ab - Cage-Cone Frontface Clearance	0.12 in
Aa - Cage-Cone Backface Clearance	0.03 in
a - Effective Center Location ⁴	0.24 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	5260 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	20300 lbf
C0 - Static Radial Rating	34400 lbf
C _{a90} - Dynamic Thrust	2990 lbf



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Rating (90 million revolutions) ⁷	
K - Factor ⁸	1.76
G1 - Heat Generation Factor (Roller-Raceway)	164
G2 - Heat Generation Factor (Rib-Roller End)	141
Cg - Geometry Factor	0.13