



Machinery Parts BEARING CORP. OF CANAD...

TYPE TS



Timken Im104949 Bearing

Bearing No. Im104949

Im104949 Bearing 2D drawings and 3D CAD models

Cone Part Number	LM104949
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	37700 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	9770 lbf
d	2 in
B - Cone Width	0.8750 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	2.2 in
db - Cone Backface Backing Diameter	2.48 in
Ab - Cage-Cone Frontface Clearance	0.1 in
Aa - Cage-Cone Backface Clearance	0.03 in
a - Effective Center Location ⁴	-0.23 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	5610 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	21700 lbf
C0 - Static Radial Rating	23400 lbf
C _{a90} - Dynamic Thrust	2930 lbf



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Rating (90 million revolutions) ⁷	
K - Factor ⁸	1.91
G1 - Heat Generation Factor (Roller-Raceway)	38.8
G2 - Heat Generation Factor (Rib-Roller End)	19.3
Cg - Geometry Factor	0.0801