



Liaocheng City Hsn Bearing Co., Ltd.

TYPE TS



Timken LM104949E LM104911 Tapered roller bearing

Bearing No. LM104949E

LM104949E Bearing 2D drawings and 3D CAD models

Cone Part Number	LM104949E
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	1.0190 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	2.2 in
db - Cone Backface Backing Diameter	2.44 in
Ab - Cage-Cone Frontface Clearance	-0.04 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



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C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	2930 lbf
K - Factor ⁸	1.91
G1 - Heat Generation Factor (Roller-Raceway)	38.8
G2 - Heat Generation Factor (Rib-Roller End)	19.3
C _g - Geometry Factor	0.0801