



BEARING CORP.OF AMERICA

TYPE TS



Timken HM926747 HM926710CD Tapered roller bearing

Bearing No. HM926747

HM926747 Bearing 2D drawings and 3D CAD models

Series	HM926700
Cone Part Number	HM926747
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	230000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	59500 lbf
d	5 in
B - Cone Width	1.9460 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	5.63 in
db - Cone Backface Backing Diameter	6.14 in
Ab - Cage-Cone Frontface Clearance	0.29 in
Aa - Cage-Cone Backface Clearance	0.31 in
a - Effective Center Location ⁴	0.53 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	34200 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	132000 lbf



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C0 - Static Radial Rating	151000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	43100 lbf
K - Factor ⁸	0.79
G1 - Heat Generation Factor (Roller-Raceway)	295.4
G2 - Heat Generation Factor (Rib-Roller End)	39
Cg - Geometry Factor	0.142