



BEARING CORP.OF AMERICA

TYPE TS



Timken EE107060 107105CD Tapered roller bearing

Bearing No. EE107060

EE107060 Bearing 2D drawings and 3D CAD models

Series	107000
Cone Part Number	EE107060
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	307000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	79600 lbf
d	6.0000 in
B - Cone Width	2.9375 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	6.73 in
db - Cone Backface Backing Diameter	7.13 in
Ab - Cage-Cone Frontface Clearance	0.16 in
Aa - Cage-Cone Backface Clearance	0.27 in
a - Effective Center Location ⁴	-0.59 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	45700 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	176000 lbf



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C0 - Static Radial Rating	263000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	30300 lbf
K - Factor ⁸	1.51
G1 - Heat Generation Factor (Roller-Raceway)	606.1
G2 - Heat Generation Factor (Rib-Roller End)	76.3
Cg - Geometry Factor	0.116