



BEARING CORP. OF CANADA LTD.

TYPE TS



Timken hm807035 Bearing

Bearing No. hm807035

hm807035 Bearing 2D drawings and 3D CAD models

Series	HM807000
Cone Part Number	HM807035
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	67200 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	17400 lbf
d	1.6250 in
B - Cone Width	1.4375 in
R - Cone Backface To Clear Radius ³	0.06 in
da - Cone Frontface Backing Diameter	2.24 in
db - Cone Backface Backing Diameter	2.36 in
Ab - Cage-Cone Frontface Clearance	0.1 in
Aa - Cage-Cone Backface Clearance	0.12 in
a - Effective Center Location ⁴	-0.29 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	10000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	38600 lbf
C0 - Static Radial Rating	50200 lbf



BEARING CORP.OF CANADA LTD.

C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	8350 lbf
K - Factor ⁸	1.2
C _g - Geometry Factor	0.0760