



CARTER BEARING MFG LTD

TYPE TS



HM261049 Complex Bearings

Bearing No. HM261049

HM261049 Bearing 2D drawings and 3D CAD models

Series	HM261000
Cone Part Number	HM261049
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	626000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	162000 lbf
d	13.1250 in
B - Cone Width	3.5625 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	14.09 in
db - Cone Backface Backing Diameter	14.29 in
Ab - Cage-Cone Frontface Clearance	0.25 in
Aa - Cage-Cone Backface Clearance	0.22 in
a - Effective Center Location ⁴	-0.24 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	93200 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	360000 lbf
C0 - Static Radial Rating	777000 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	53400 lbf
K - Factor ⁸	1.74
G1 - Heat Generation Factor (Roller-Raceway)	3310
G2 - Heat Generation Factor (Rib-Roller End)	324
Cg - Geometry Factor	0.194