



BEARINGS OF AMERICA CORP.

TYPE TS



M268749 Thrust Ball Bearings

Bearing No. M268749

M268749 Bearing 2D drawings and 3D CAD models

Series	M268700
Cone Part Number	M268749
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	1120000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	290000 lbf
d	16.3750 in
B - Cone Width	4.5000 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	17.36 in
db - Cone Backface Backing Diameter	17.76 in
Ab - Cage-Cone Frontface Clearance	0.33 in
Aa - Cage-Cone Backface Clearance	0.34 in
a - Effective Center Location ⁴	-0.37 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	166000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	642000 lbf
C0 - Static Radial Rating	1250000 lbf



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C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	94800 lbf
K - Factor ⁸	1.76
G1 - Heat Generation Factor (Roller-Raceway)	5750
G2 - Heat Generation Factor (Rib-Roller End)	421
C _g - Geometry Factor	0.232