



Bearing Brasil Ltda.

TYPE TS



HM266449 Spherical Roller Bearings

Bearing No. HM266449

HM266449 Bearing 2D drawings and 3D CAD models

Series	HM266400
Cone Part Number	HM266449
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	963000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	250000 lbf
d	15.1250 in
B - Cone Width	4.1250 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	16.02 in
db - Cone Backface Backing Diameter	16.42 in
Ab - Cage-Cone Frontface Clearance	0.26 in
Aa - Cage-Cone Backface Clearance	0.27 in
a - Effective Center Location ⁴	-0.28 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	143000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	553000 lbf
C0 - Static Radial Rating	1060000 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	81700 lbf
K - Factor ⁸	1.76
G1 - Heat Generation Factor (Roller-Raceway)	4760.1
G2 - Heat Generation Factor (Rib-Roller End)	301.5
Cg - Geometry Factor	0.218