



BEARING USA CORP.

TYPE TS



71811 Angular Contact Ball Bearing 55*72*9mm

Bearing No. 02474

02474 Bearing 2D drawings and 3D CAD models

Series	02400
Cone Part Number	02474
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	25000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	6470 lbf
d	1.1250 in
B - Cone Width	0.8750 in
R - Cone Backface To Clear Radius ³	0.03 in
da - Cone Frontface Backing Diameter	1.42 in
db - Cone Backface Backing Diameter	1.44 in
Ab - Cage-Cone Frontface Clearance	0.06 in
Aa - Cage-Cone Backface Clearance	0.03 in
a - Effective Center Location ⁴	-0.2 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	3720 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	14300 lbf
C0 - Static Radial Rating	15800 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	2650 lbf
K - Factor ⁸	1.4
G1 - Heat Generation Factor (Roller-Raceway)	17.5
G2 - Heat Generation Factor (Rib-Roller End)	8.48
Cg - Geometry Factor	0.0681