



BEARING USA CORP.

TYPE TS



71806 Angular Contact Ball Bearing 30*42*7mm

Bearing No. 755

755 Bearing 2D drawings and 3D CAD models

Series	755
Cone Part Number	755
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	128000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	33200 lbf
d	3 in
B - Cone Width	1.9000 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	3.62 in
db - Cone Backface Backing Diameter	3.86 in
Ab - Cage-Cone Frontface Clearance	0.07 in
Aa - Cage-Cone Backface Clearance	0.11 in
a - Effective Center Location ⁴	-0.47 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	19100 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	73600 lbf
C0 - Static Radial Rating	99200 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	11100 lbf
K - Factor ⁸	1.71
G1 - Heat Generation Factor (Roller-Raceway)	177.2
G2 - Heat Generation Factor (Rib-Roller End)	29.4
Cg - Geometry Factor	0.0945