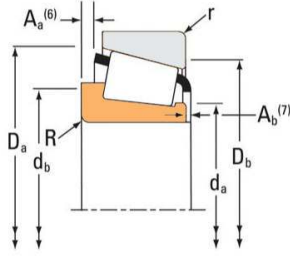
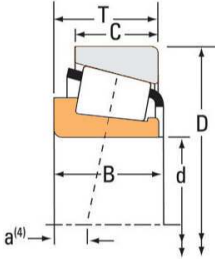




BEARING USA CORP.

TYPE TS



51130 Thrust Ball Bearing 150x190x31mm

Bearing No. M38549H

M38549H Bearing 2D drawings and 3D CAD models

Cone Part Number	M38549H
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	28900 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	7500 lbf
d	1.3750 in
B - Cone Width	0.8125 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	1.63 in
db - Cone Backface Backing Diameter	1.91 in
Ab - Cage-Cone Frontface Clearance	0.13 in
Aa - Cage-Cone Backface Clearance	-0.01 in
a - Effective Center Location ⁴	-0.22 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	4310 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	16600 lbf
C0 - Static Radial Rating	16400 lbf
C _{a90} - Dynamic Thrust	2600 lbf



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Rating (90 million revolutions) ⁷	
K - Factor ⁸	1.66
G1 - Heat Generation Factor (Roller-Raceway)	20.3
G2 - Heat Generation Factor (Rib-Roller End)	12.9
Cg - Geometry Factor	0.068