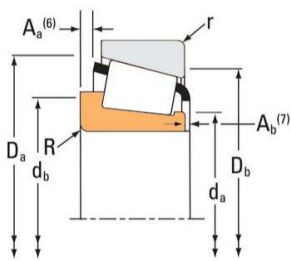
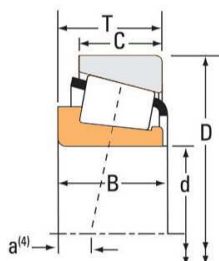




AMERICAN BEARING MFG.CORP.

TYPE TS



TIMKEN M255449 Tapered Roller Bearing

Bearing No. M255449

Series	M255400
Cone Part Number	M255449
Design Units	Imperial
Cage Type	Pin-Type
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	466000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	121000 lbf
d	11.3750 in
B - Cone Width	3.0625 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	12.2 in
db - Cone Backface Backing Diameter	12.44 in
Ab - Cage-Cone Frontface Clearance	0.22 in
Aa - Cage-Cone Backface Clearance	0.15 in
a - Effective Center Location ⁴	-0.16 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	69300 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	267000 lbf
C0 - Static Radial Rating	567000 lbf

M255449 Bearing 2D drawings and 3D CAD models



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C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	40100 lbf
K - Factor ⁸	1.73
G1 - Heat Generation Factor (Roller-Raceway)	2301.3
G2 - Heat Generation Factor (Rib-Roller End)	287.6
C _g - Geometry Factor	0.172