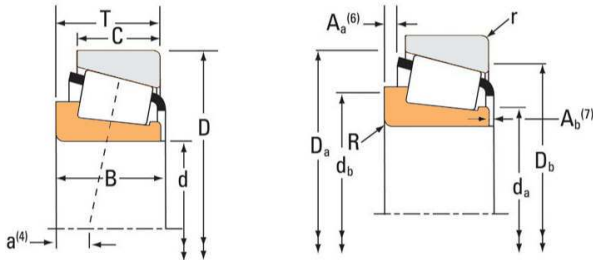




TYPE TS



Timken HH221447 HH221410D Tapered roller bearing

Bearing No. HH221447

HH221447 Bearing 2D drawings and 3D CAD models

Series	HH221400
Cone Part Number	HH221447
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	209000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	54200 lbf
d	3.9363 in
B - Cone Width	2.2650 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	4.49 in
db - Cone Backface Backing Diameter	4.96 in
Ab - Cage-Cone Frontface Clearance	0.16 in
Aa - Cage-Cone Backface Clearance	0.08 in
a - Effective Center Location ⁴	-0.59 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	31100 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	120000 lbf



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C0 - Static Radial Rating	156000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	17800 lbf
K - Factor ⁸	1.74
G1 - Heat Generation Factor (Roller-Raceway)	265.6
G2 - Heat Generation Factor (Rib-Roller End)	28.4
Cg - Geometry Factor	0.107