



Liaocheng City Hsn Bearing Co., Ltd.

TYPE TS



Timken 71437 71751D Tapered roller bearing

Bearing No. 71437

Series	71000
Cone Part Number	71437
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	142000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	36900 lbf
d	4.3750 in
B - Cone Width	1.9375 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	4.84 in
db - Cone Backface Backing Diameter	5.08 in
Ab - Cage-Cone Frontface Clearance	0.1 in
Aa - Cage-Cone Backface Clearance	0.18 in
a - Effective Center Location ⁴	-0.26 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	21200 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	81700 lbf
C0 - Static Radial Rating	122000 lbf

71437 Bearing 2D drawings and 3D CAD models



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C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	15100 lbf
K - Factor ⁸	1.4
G1 - Heat Generation Factor (Roller-Raceway)	269.2
G2 - Heat Generation Factor (Rib-Roller End)	49.5
C _g - Geometry Factor	0.116