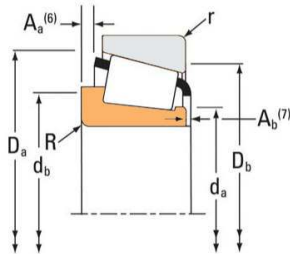
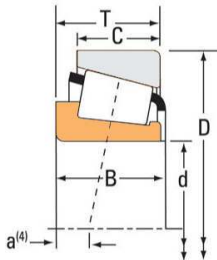




BEARING CORP.OF AMERICA

TYPE TS



Timken 71432 71751D Tapered roller bearing

Bearing No. 71432

Series	71000
Cone Part Number	71432
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	4.3288 in
B - Cone Width	1.9375 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	4.8 in
db - Cone Backface Backing Diameter	5.04 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

71432 Bearing 2D drawings and 3D CAD models



BEARING CORP.OF AMERICA

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