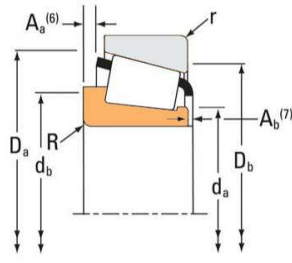




Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken 94675 94114CD Tapered roller bearing

Bearing No. 94675

94675 Bearing 2D drawings and 3D CAD models

Series	94000
Cone Part Number	94675
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	258000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	67000 lbf
d	6.7500 in
B - Cone Width	2.5 in
R - Cone Backface To Clear Radius ³	0.280 in
da - Cone Frontface Backing Diameter	7.52 in
db - Cone Backface Backing Diameter	7.95 in
Ab - Cage-Cone Frontface Clearance	0.25 in
Aa - Cage-Cone Backface Clearance	0.24 in
a - Effective Center Location ⁴	-0.03 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	38500 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	148000 lbf
C0 - Static Radial Rating	242000 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	30800 lbf
K - Factor ⁸	1.25
G1 - Heat Generation Factor (Roller-Raceway)	692.3
G2 - Heat Generation Factor (Rib-Roller End)	93.9
Cg - Geometry Factor	0.129