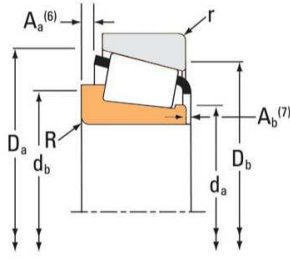
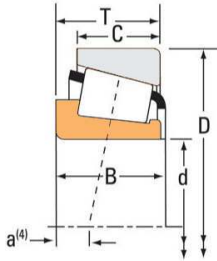




Ruville BEARING COMPANY

TYPE TS



Timken Auto Aerospace Bearings 99600 9912s
 99100 9864s 9845 9613s 95925 9449 938 9052 8871
 8835s 8792s 8660s 8622 8610 8622 8610 8609 854

Bearing No. 99600

99600 Bearing 2D drawings and 3D CAD models

Series	99000
Cone Part Number	99600
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	6.0000 in
B - Cone Width	2.6250 in
R - Cone Backface To Clear Radius ³	0.280 in
da - Cone Frontface Backing Diameter	6.68 in
db - Cone Backface Backing Diameter	7.13 in
Ab - Cage-Cone Frontface Clearance	0.19 in
Aa - Cage-Cone Backface Clearance	0.34 in
a - Effective Center Location ⁴	-0.48 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	38500 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	148000 lbf



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C0 - Static Radial Rating	231000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	26800 lbf
K - Factor ⁸	1.43
G1 - Heat Generation Factor (Roller-Raceway)	555.5
G2 - Heat Generation Factor (Rib-Roller End)	73.5
Cg - Geometry Factor	0.146