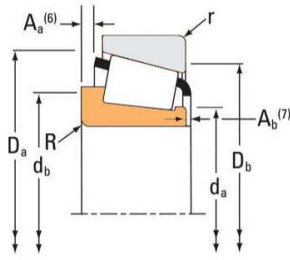




BEARING CORP.OF AMERICA

TYPE TS



Timken 96900 96140CD Tapered roller bearing

Bearing No. 96900

96900 Bearing 2D drawings and 3D CAD models

Series	96000
Cone Part Number	96900
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	297000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	77000 lbf
d	9.0000 in
B - Cone Width	2.6250 in
R - Cone Backface To Clear Radius ³	0.280 in
da - Cone Frontface Backing Diameter	9.8 in
db - Cone Backface Backing Diameter	10.24 in
Ab - Cage-Cone Frontface Clearance	0.2 in
Aa - Cage-Cone Backface Clearance	0.43 in
a - Effective Center Location ⁴	0.67 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	44200 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	171000 lbf
C0 - Static Radial Rating	319000 lbf



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C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	44700 lbf
K - Factor ⁸	0.99
G1 - Heat Generation Factor (Roller-Raceway)	1140
G2 - Heat Generation Factor (Rib-Roller End)	160
C _g - Geometry Factor	0.163