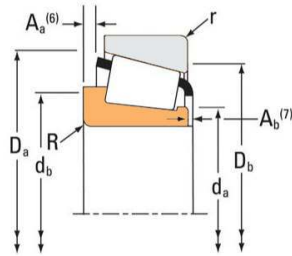




BEARING CORP.OF AMERICA

TYPE TS



Timken 14136a Bearing

Bearing No. 14136a

14136a Bearing 2D drawings and 3D CAD models

Series	14000
Cone Part Number	14136A
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	21400 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	5540 lbf
d	1.3750 in
B - Cone Width	1.0520 in
R - Cone Backface To Clear Radius ³	0.03 in
da - Cone Frontface Backing Diameter	1.57 in
db - Cone Backface Backing Diameter	1.59 in
Ab - Cage-Cone Frontface Clearance	0.07 in
Aa - Cage-Cone Backface Clearance	0.31 in
a - Effective Center Location ⁴	-0.45 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	3180 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	12300 lbf
C0 - Static Radial Rating	13900 lbf



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C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	2080 lbf
K - Factor ⁸	1.53
G1 - Heat Generation Factor (Roller-Raceway)	18
G2 - Heat Generation Factor (Rib-Roller End)	13.3
C _g - Geometry Factor	0.0668