



Jinan Guotai Bearing Co., Ltd

TYPE TS



Timken 14138a Bearing

Bearing No. 14138a

14138a Bearing 2D drawings and 3D CAD models

Series	14000
Cone Part Number	14138A
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	0.7710 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	1.63 in
db - Cone Backface Backing Diameter	1.89 in
Ab - Cage-Cone Frontface Clearance	0.07 in
Aa - Cage-Cone Backface Clearance	0.02 in
a - Effective Center Location ⁴	-0.17 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
Cg - Geometry Factor	0.0668