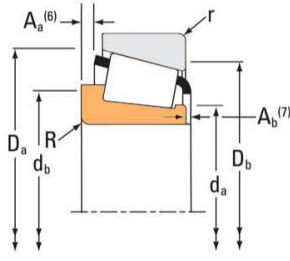




BEARING USA CORP.

TYPE TS



Timken 14139 14276D Tapered roller bearing

Bearing No. 14139

14139 Bearing 2D drawings and 3D CAD models

Series	14000
Cone Part Number	14139
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	1.3770 in
B - Cone Width	0.7710 in
R - Cone Backface To Clear Radius ³	0.050 in
da - Cone Frontface Backing Diameter	1.63 in
db - Cone Backface Backing Diameter	1.71 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