



BEARING CORP.OF AMERICA

TYPE TS



Timken 15117 Bearing

Bearing No. 15117

15117 Bearing 2D drawings and 3D CAD models

Series	15000
Cone Part Number	15117
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	23400 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	6080 lbf
d	1.1806 in
B - Cone Width	0.8125 in
R - Cone Backface To Clear Radius ³	0.050 in
da - Cone Frontface Backing Diameter	1.38 in
db - Cone Backface Backing Diameter	1.44 in
Ab - Cage-Cone Frontface Clearance	0.07 in
Aa - Cage-Cone Backface Clearance	0.03 in
a - Effective Center Location ⁴	-0.23 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	3490 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	13500 lbf
C0 - Static Radial Rating	12100 lbf



BEARING CORP.OF AMERICA

C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	2090 lbf
K - Factor ⁸	1.67
G1 - Heat Generation Factor (Roller-Raceway)	14.6
G2 - Heat Generation Factor (Rib-Roller End)	10
C _g - Geometry Factor	0.0606