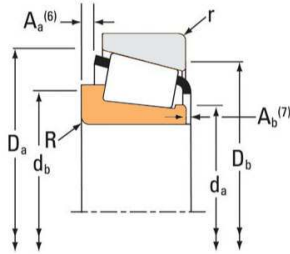
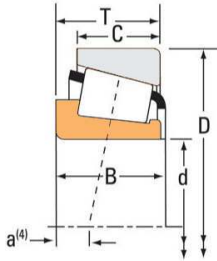


TYPE TS



TIMKEN 15100 bearing

Bearing No. 15100

Series	15000
Cone Part Number	15100
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	1.0000 in
B - Cone Width	0.8125 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	1.24 in
db - Cone Backface Backing Diameter	1.5 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

15100 Bearing 2D drawings and 3D CAD models



Aurora BEARING LTD

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
Cg - Geometry Factor	0.0606