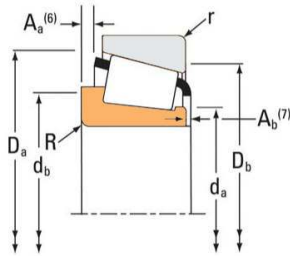
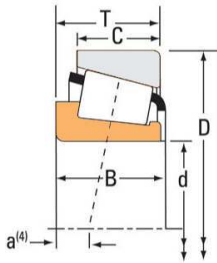




TYPE TS



Timken 13890 13835D Tapered roller bearing

Bearing No. 13890

13890 Bearing 2D drawings and 3D CAD models

Series	13800
Cone Part Number	13890
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	10600 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	2760 lbf
d	1.5150 in
B - Cone Width	0.4688 in
R - Cone Backface To Clear Radius ³	0.015 in
da - Cone Frontface Backing Diameter	1.69 in
db - Cone Backface Backing Diameter	1.69 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	-0.01 in
a - Effective Center Location ⁴	-0.03 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	1580 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	6100 lbf
C0 - Static Radial Rating	7430 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	938 lbf
K - Factor ⁸	1.69
G1 - Heat Generation Factor (Roller-Raceway)	14.8
G2 - Heat Generation Factor (Rib-Roller End)	23.3
Cg - Geometry Factor	0.0601