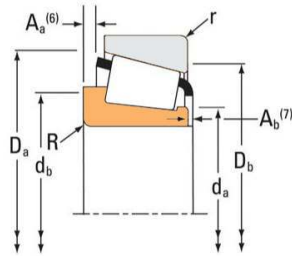
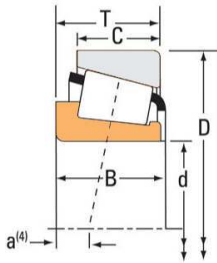




TYPE TS



Timken 13889 13835D Tapered roller bearing

Bearing No. 13889

Series	13800
Cone Part Number	13889
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	1.5 in
B - Cone Width	0.4688 in
R - Cone Backface To Clear Radius ³	0.06 in
da - Cone Frontface Backing Diameter	1.67 in
db - Cone Backface Backing Diameter	1.77 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

13889 Bearing 2D drawings and 3D CAD models



Shandong Xiangyue bearing Trading Co....

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