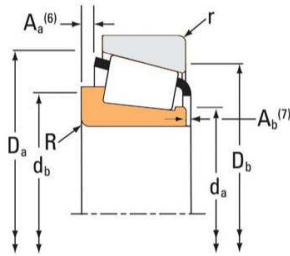
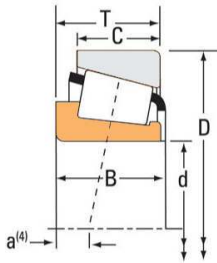




TYPE TS



Timken 850 834D Tapered roller bearing

Bearing No. 850

Series	835
Cone Part Number	850
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	190000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	49200 lbf
d	3.5000 in
B - Cone Width	2.2190 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	3.94 in
db - Cone Backface Backing Diameter	4.17 in
Ab - Cage-Cone Frontface Clearance	0.1 in
Aa - Cage-Cone Backface Clearance	0.13 in
a - Effective Center Location ⁴	-0.73 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	28300 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	109000 lbf
C0 - Static Radial Rating	117000 lbf

850 Bearing 2D drawings and 3D CAD models



Shandong Xiangyue bearing Trading Co....

C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	14500 lbf
K - Factor ⁸	1.95
G1 - Heat Generation Factor (Roller-Raceway)	197.9
G2 - Heat Generation Factor (Rib-Roller End)	34.8
Cg - Geometry Factor	0.0937