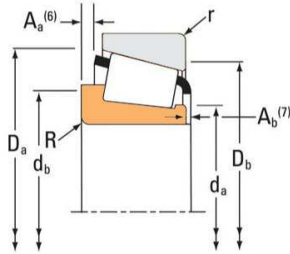
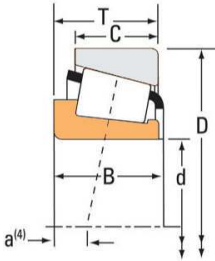




TYPE TS



Timken 555 552D Tapered roller bearing

Bearing No. 555

Series	555
Cone Part Number	555
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	74700 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	19400 lbf
d	2 in
B - Cone Width	1.4440 in
R - Cone Backface To Clear Radius ³	0.09 in
da - Cone Frontface Backing Diameter	2.44 in
db - Cone Backface Backing Diameter	2.6 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0.07 in
a - Effective Center Location ⁴	-0.37 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	11100 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	42900 lbf
C0 - Static Radial Rating	55700 lbf

555 Bearing 2D drawings and 3D CAD models



Shandong Xiangyue bearing Trading Co....

C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	6590 lbf
K - Factor ⁸	1.69
G1 - Heat Generation Factor (Roller-Raceway)	91
G2 - Heat Generation Factor (Rib-Roller End)	21.1
Cg - Geometry Factor	0.111