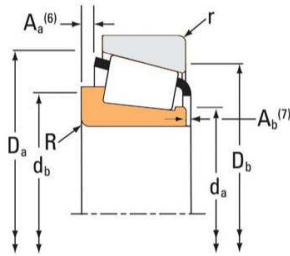
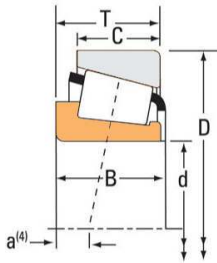




TYPE TS



Timken 565 563D Tapered roller bearing

Bearing No. 565

565 Bearing 2D drawings and 3D CAD models

Series	565
Cone Part Number	565
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	76900 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	19900 lbf
d	2.5000 in
B - Cone Width	1.4240 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	2.87 in
db - Cone Backface Backing Diameter	3.15 in
Ab - Cage-Cone Frontface Clearance	0.11 in
Aa - Cage-Cone Backface Clearance	0.1 in
a - Effective Center Location ⁴	-0.32 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	11400 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	44100 lbf
C0 - Static Radial Rating	58900 lbf



Shandong Xiangyue bearing Trading Co....

C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	7130 lbf
K - Factor ⁸	1.61
G1 - Heat Generation Factor (Roller-Raceway)	101.3
G2 - Heat Generation Factor (Rib-Roller End)	24
Cg - Geometry Factor	0.117