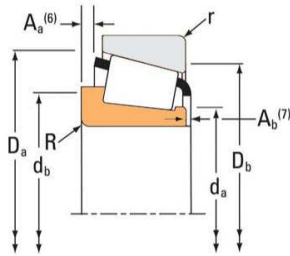




TYPE TS



Timken 560 552D Tapered roller bearing

Bearing No. 560

560 Bearing 2D drawings and 3D CAD models

Series	555
Cone Part Number	560
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	88500 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	22900 lbf
d	2.6250 in
B - Cone Width	1.4440 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	3.03 in
db - Cone Backface Backing Diameter	3.31 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	13200 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	50800 lbf
C0 - Static Radial Rating	55700 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	7810 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