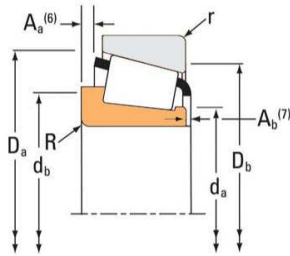




TYPE TS



Timken 755 752D Tapered roller bearing

Bearing No. 755

755 Bearing 2D drawings and 3D CAD models

Series	755
Cone Part Number	755
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	128000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	33200 lbf
d	3 in
B - Cone Width	1.9000 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	3.62 in
db - Cone Backface Backing Diameter	3.86 in
Ab - Cage-Cone Frontface Clearance	0.07 in
Aa - Cage-Cone Backface Clearance	0.11 in
a - Effective Center Location ⁴	-0.47 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	19100 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	73600 lbf
C0 - Static Radial Rating	99200 lbf



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C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	11100 lbf
K - Factor ⁸	1.71
G1 - Heat Generation Factor (Roller-Raceway)	177.2
G2 - Heat Generation Factor (Rib-Roller End)	29.4
C _g - Geometry Factor	0.0945