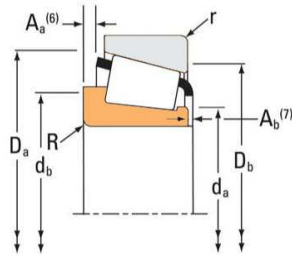
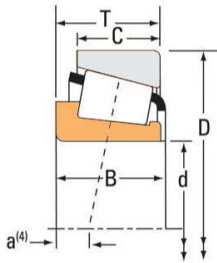




TYPE TS



Timken 3784 3729D Tapered roller bearing

Bearing No. 3784

3784 Bearing 2D drawings and 3D CAD models

Series	3700
Cone Part Number	3784
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	47800 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	12400 lbf
d	2 in
B - Cone Width	1.1930 in
R - Cone Backface To Clear Radius ³	0.25 in
da - Cone Frontface Backing Diameter	2.28 in
db - Cone Backface Backing Diameter	2.76 in
Ab - Cage-Cone Frontface Clearance	0.06 in
Aa - Cage-Cone Backface Clearance	0.06 in
a - Effective Center Location ⁴	-0.32 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	7120 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	27500 lbf
C0 - Static Radial Rating	34300 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	4120 lbf
K - Factor ⁸	1.73
G1 - Heat Generation Factor (Roller-Raceway)	49.9
G2 - Heat Generation Factor (Rib-Roller End)	14.5
Cg - Geometry Factor	0.0903