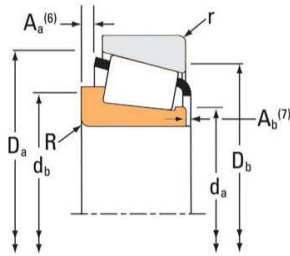
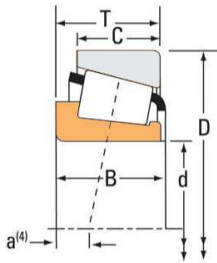




Bearing Processing Export Trading Co....

TYPE TS



TIMKEN 67790 bearing

Bearing No. 67790

Series	67700
Cone Part Number	67790
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	159000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	41100 lbf
d	7.0000 in
B - Cone Width	1.875 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	7.4 in
db - Cone Backface Backing Diameter	7.64 in
Ab - Cage-Cone Frontface Clearance	0.11 in
Aa - Cage-Cone Backface Clearance	0.17 in
a - Effective Center Location ⁴	0.19 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	23600 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	91100 lbf
C0 - Static Radial Rating	175000 lbf

67790 Bearing 2D drawings and 3D CAD models



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	17800 lbf
K - Factor ⁸	1.33
G1 - Heat Generation Factor (Roller-Raceway)	622.3
G2 - Heat Generation Factor (Rib-Roller End)	122.6
Cg - Geometry Factor	0.121