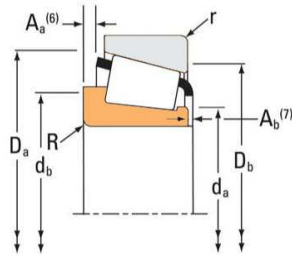
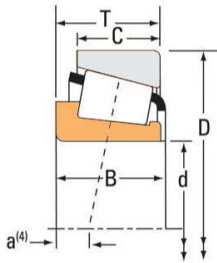




Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken EE700091 700168D Tapered roller bearing

Bearing No. EE700091

EE700091 Bearing 2D drawings and 3D CAD models

Series	700000
Cone Part Number	EE700091
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	665000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	172000 lbf
d	9.0000 in
B - Cone Width	3.7500 in
R - Cone Backface To Clear Radius ³	0.280 in
da - Cone Frontface Backing Diameter	10.2 in
db - Cone Backface Backing Diameter	10.47 in
Ab - Cage-Cone Frontface Clearance	0.1 in
Aa - Cage-Cone Backface Clearance	0.78 in
a - Effective Center Location ⁴	-0.83 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	99000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	382000 lbf



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C0 - Static Radial Rating	481000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	56400 lbf
K - Factor ⁸	1.76
G1 - Heat Generation Factor (Roller-Raceway)	1488.7
G2 - Heat Generation Factor (Rib-Roller End)	109.7
Cg - Geometry Factor	0.148