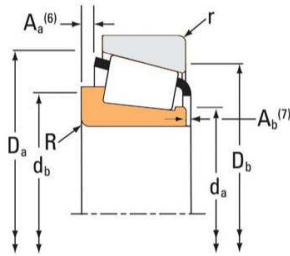
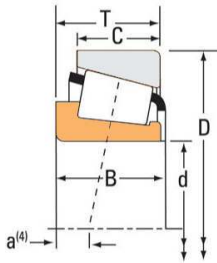




TYPE TS



Timken 18690 18620D Tapered roller bearing

Bearing No. 18690

18690 Bearing 2D drawings and 3D CAD models

Series	18600
Cone Part Number	18690
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	20400 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	5280 lbf
d	1.8125 in
B - Cone Width	0.6875 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.110 in
da - Cone Frontface Backing Diameter	2.01 in
db - Cone Backface Backing Diameter	2.2 in
Ab - Cage-Cone Frontface Clearance	0.09 in
Aa - Cage-Cone Backface Clearance	0.01 in
a - Effective Center Location <sup>4</sup>	-0.08 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	3030 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	11700 lbf
C0 - Static Radial Rating	13800 lbf



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$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	1940 lbf
K - Factor <sup>8</sup>	1.56
G1 - Heat Generation Factor (Roller-Raceway)	23.9
G2 - Heat Generation Factor (Rib-Roller End)	17.7
Cg - Geometry Factor	0.0725