



# BEARING CORP.OF AMERICA

## TYPE TS



## Timken 67782 67720CD Tapered roller bearing

Bearing No. 67782

Series	67700
Cone Part Number	67782
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	159000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	41100 lbf
d	6.6250 in
B - Cone Width	1.875 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da - Cone Frontface Backing Diameter	7.13 in
db - Cone Backface Backing Diameter	7.36 in
Ab - Cage-Cone Frontface Clearance	0.11 in
Aa - Cage-Cone Backface Clearance	0.17 in
a - Effective Center Location <sup>4</sup>	0.19 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	23600 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	91100 lbf
C0 - Static Radial Rating	175000 lbf

67782 Bearing 2D drawings and 3D CAD models



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C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	17800 lbf
K - Factor <sup>8</sup>	1.33
G1 - Heat Generation Factor (Roller-Raceway)	622.3
G2 - Heat Generation Factor (Rib-Roller End)	122.6
C <sub>g</sub> - Geometry Factor	0.121