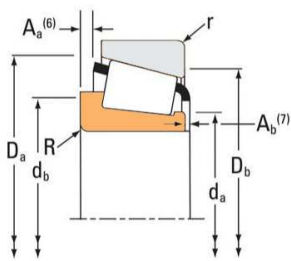
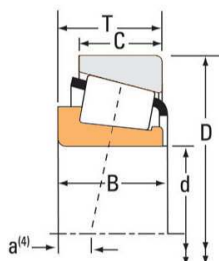




# AMERICAN BEARING MFG.CORP.

## TYPE TS



## Timken 07100 Bearing

Bearing No. 07100

Series	07000
Cone Part Number	07100
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	11400 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	2950 lbf
d	1.0000 in
B - Cone Width	0.5614 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.04 in
da - Cone Frontface Backing Diameter	1.16 in
db - Cone Backface Backing Diameter	1.2 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0 in
a - Effective Center Location <sup>4</sup>	-0.11 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	1700 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	6540 lbf
C0 - Static Radial Rating	6650 lbf

07100 Bearing 2D drawings and 3D CAD models



## AMERICAN BEARING MFG.CORP.

$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	1170 lbf
K - Factor <sup>8</sup>	1.45
G1 - Heat Generation Factor (Roller-Raceway)	7.6
G2 - Heat Generation Factor (Rib-Roller End)	7.1
Cg - Geometry Factor	0.0509