



# BEARING CORP. OF AMERICA

## TYPE TS



## Timken 95491 95927CD Tapered roller bearing

Bearing No. 95491

95491 Bearing 2D drawings and 3D CAD models

Series	95000
Cone Part Number	95491
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	246000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	63800 lbf
d	4.9190 in
B - Cone Width	2.5 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.25 in
da - Cone Frontface Backing Diameter	5.51 in
db - Cone Backface Backing Diameter	5.98 in
Ab - Cage-Conc Frontface Clearance	0.19 in
Aa - Cage-Conc Backface Clearance	0.22 in
a - Effective Center Location <sup>4</sup>	-0.55 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	36700 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	141000 lbf
C0 - Static Radial Rating	209000 lbf



## BEARING CORP.OF AMERICA

C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	23200 lbf
K - Factor <sup>8</sup>	1.58
G1 - Heat Generation Factor (Roller-Raceway)	453.9
G2 - Heat Generation Factor (Rib-Roller End)	59.4
C <sub>g</sub> - Geometry Factor	0.132