



# NTN BEARING CORP.OF America LTD.

## TYPE TS



## Timken 395 Bearing

Bearing No. 395

395 Bearing 2D drawings and 3D CAD models

Series	395
Cone Part Number	395
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	38700 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	10000 lbf
d	2.5000 in
B - Cone Width	0.8660 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da - Cone Frontface Backing Diameter	2.76 in
db - Cone Backface Backing Diameter	3.03 in
Ab - Cage-Cone Frontface Clearance	0.11 in
Aa - Cage-Cone Backface Clearance	0.05 in
a - Effective Center Location <sup>4</sup>	-0.03 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	5760 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	22200 lbf
C0 - Static Radial Rating	28100 lbf



## NTN BEARING CORP.OF America LTD.

$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	3970 lbf
K - Factor <sup>8</sup>	1.45
G1 - Heat Generation Factor (Roller-Raceway)	56
G2 - Heat Generation Factor (Rib-Roller End)	21.4
Cg - Geometry Factor	0.0984