



# NTN BEARING CORP.OF America LTD.

## TYPE TS



## Timken Im48548 Bearing

Bearing No. Im48548

Im48548 Bearing 2D drawings and 3D CAD models

Series	LM48500
Cone Part Number	LM48548
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	25300 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	6550 lbf
d	1.3750 in
B - Cone Width	0.7200 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da - Cone Frontface Backing Diameter	1.63 in
db - Cone Backface Backing Diameter	1.89 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0.01 in
a - Effective Center Location <sup>4</sup>	-0.15 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	3760 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	14500 lbf
C0 - Static Radial Rating	14200 lbf



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$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	2430 lbf
K - Factor <sup>8</sup>	1.55
$C_g$ - Geometry Factor	0.0666