



# Liaocheng City Hsn Bearing Co., Ltd.

## TYPE TS



## Timken 48385 48320D Tapered roller bearing

Bearing No. 48385

Series	48300
Cone Part Number	48385
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	111000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	28700 lbf
d	5.2500 in
B - Cone Width	1.5625 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da - Cone Frontface Backing Diameter	5.59 in
db - Cone Backface Backing Diameter	5.83 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0.09 in
a - Effective Center Location <sup>4</sup>	-0.16 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	16500 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	63600 lbf
C0 - Static Radial Rating	122000 lbf

48385 Bearing 2D drawings and 3D CAD models



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$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	9060 lbf
K - Factor <sup>8</sup>	1.82
G1 - Heat Generation Factor (Roller-Raceway)	403.8
G2 - Heat Generation Factor (Rib-Roller End)	105.1
Cg - Geometry Factor	0.121