



# Liaocheng City Hsn Bearing Co., Ltd.

## TYPE TS



## Timken EE130902 131401CD Tapered roller bearing

Bearing No. EE130902

EE130902 Bearing 2D drawings and 3D CAD models

Series	130000
Cone Part Number	EE130902
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	330000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	85600 lbf
d	9.0000 in
B - Cone Width	2.7500 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.270 in
da - Cone Frontface Backing Diameter	9.72 in
db - Cone Backface Backing Diameter	10.12 in
Ab - Cage-Cone Frontface Clearance	0.18 in
Aa - Cage-Cone Backface Clearance	0.45 in
a - Effective Center Location <sup>4</sup>	-0.39 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	49100 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	190000 lbf



## Liaocheng City Hsn Bearing Co., Ltd.

C0 - Static Radial Rating	314000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	27800 lbf
K - Factor <sup>8</sup>	1.77
G1 - Heat Generation Factor (Roller-Raceway)	1160
G2 - Heat Generation Factor (Rib-Roller End)	168
Cg - Geometry Factor	0.136