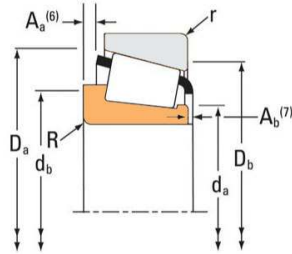




# NTN BEARINGS INDUSTRY

## TYPE TS



## Timken hh932145 Bearing

Bearing No. hh932145

hh932145 Bearing 2D drawings and 3D CAD models

Cone Part Number	HH932145
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	453000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	117000 lbf
d	5.7500 in
B - Cone Width	3.2500 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.25 in
da - Cone Frontface Backing Diameter	6.73 in
db - Cone Backface Backing Diameter	8.15 in
Ab - Cage-Cone Frontface Clearance	0.39 in
Aa - Cage-Cone Backface Clearance	0.79 in
a - Effective Center Location <sup>4</sup>	0.07 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	67500 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	260000 lbf
C0 - Static Radial Rating	282000 lbf
C <sub>a90</sub> - Dynamic Thrust	84100 lbf



## NTN BEARINGS INDUSTRY

Rating (90 million revolutions) <sup>7</sup>	
K - Factor <sup>8</sup>	0.8
G1 - Heat Generation Factor (Roller-Raceway)	514
G2 - Heat Generation Factor (Rib-Roller End)	55.6
Cg - Geometry Factor	0.133