



# Shandong lehang Bearing Co., Ltd

## TYPE TS



## Timken a4050 Bearing

Bearing No. a4050

a4050 Bearing 2D drawings and 3D CAD models

Series	A4000
Cone Part Number	A4050
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	5150 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	1330 lbf
d	0.5000 in
B - Cone Width	0.4326 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.050 in
da - Cone Frontface Backing Diameter	0.67 in
db - Cone Backface Backing Diameter	0.73 in
Ab - Cage-Cone Frontface Clearance	0.07 in
Aa - Cage-Cone Backface Clearance	0 in
a - Effective Center Location <sup>4</sup>	-0.1 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	767 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	2960 lbf
C0 - Static Radial Rating	2580 lbf



## Shandong lehang Bearing Co., Ltd

C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	594 lbf
K - Factor <sup>8</sup>	1.29
G1 - Heat Generation Factor (Roller-Raceway)	2.3
G2 - Heat Generation Factor (Rib-Roller End)	4.12
C <sub>g</sub> - Geometry Factor	0.0355