



# UI BEARING TECHNOLOGY CO., LTD

## TYPE TS



## Timken A6075 / A6157 Tapered Roller Bearing

Bearing No. A6075

A6075 Bearing 2D drawings and 3D CAD models

Series	A6000
Cone Part Number	A6075
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	5250 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	1360 lbf
d	0.7500 in
B - Cone Width	0.4391 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.04 in
da - Cone Frontface Backing Diameter	0.91 in
db - Cone Backface Backing Diameter	0.94 in
Ab - Cage-Cone Frontface Clearance	0.09 in
Aa - Cage-Cone Backface Clearance	0.01 in
a - Effective Center Location <sup>4</sup>	-0.06 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	782 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	3020 lbf
C0 - Static Radial Rating	2770 lbf



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$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	705 lbf
K - Factor <sup>8</sup>	1.11
G1 - Heat Generation Factor (Roller-Raceway)	2.9
G2 - Heat Generation Factor (Rib-Roller End)	5.64
Cg - Geometry Factor	0.0404