



Bearing Power Machinery Co., Ltd.

TYPE TS



Timken A6075 / A6157 Tapered Roller Bearing

Bearing No. A6075

Series	A6000
Cone Part Number	A6075
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	5250 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	1360 lbf
d	0.7500 in
B - Cone Width	0.4391 in
R - Cone Backface To Clear Radius ³	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 ⁴	-0.06 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	782 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	3020 lbf
C0 - Static Radial Rating	2770 lbf

A6075 Bearing 2D drawings and 3D CAD models



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C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	705 lbf
K - Factor ⁸	1.11
G1 - Heat Generation Factor (Roller-Raceway)	2.9
G2 - Heat Generation Factor (Rib-Roller End)	5.64
C _g - Geometry Factor	0.0404