



Zhejiang Huaxin bearing accessories C...

TYPE TS



Timken 67388 Bearing

Bearing No. 67388

Series	67300
Cone Part Number	67388
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	144000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	37300 lbf
d	5 in
B - Cone Width	1.8125 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	5.43 in
db - Cone Backface Backing Diameter	5.67 in
Ab - Cage-Cone Frontface Clearance	0.09 in
Aa - Cage-Cone Backface Clearance	0.13 in
a - Effective Center Location ⁴	-0.25 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	21400 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	82600 lbf
C0 - Static Radial Rating	141000 lbf

67388 Bearing 2D drawings and 3D CAD models



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	12600 lbf
K - Factor ⁸	1.7
G1 - Heat Generation Factor (Roller-Raceway)	383.7
G2 - Heat Generation Factor (Rib-Roller End)	70.1
Cg - Geometry Factor	0.122