



Bearing de Mexico, S.A.

TYPE TS



Timken 55200c Bearing

Bearing No. 55200c

Series	55000C
Cone Part Number	55200C
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	59200 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	15300 lbf
d	2 in
B - Cone Width	1.0594 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	2.54 in
db - Cone Backface Backing Diameter	2.8 in
Ab - Cage-Cone Frontface Clearance	0.16 in
Aa - Cage-Cone Backface Clearance	0.17 in
a - Effective Center Location ⁴	0.3 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	8810 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	34000 lbf
C0 - Static Radial Rating	36200 lbf

55200c Bearing 2D drawings and 3D CAD models



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	13300 lbf
K - Factor ⁸	0.66
G1 - Heat Generation Factor (Roller-Raceway)	48.7
G2 - Heat Generation Factor (Rib-Roller End)	18.1
Cg - Geometry Factor	0.120