



NTPT NTK BEARINGS CO.,LTD.

TYPE TS



Timken 55200c Bearing

Bearing No. 55200c

55200c Bearing 2D drawings and 3D CAD models

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



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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