



NTN BEARING CORP.OF America LTD.

TYPE TS



Timken 2788 Bearing

Bearing No. 2788

2788 Bearing 2D drawings and 3D CAD models

Series	2700
Cone Part Number	2788
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	34000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	8810 lbf
d	1.5 in
B - Cone Width	1.0100 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	1.71 in
db - Cone Backface Backing Diameter	1.97 in
Ab - Cage-Cone Frontface Clearance	0.06 in
Aa - Cage-Cone Backface Clearance	0.04 in
a - Effective Center Location ⁴	-0.32 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	5060 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	19500 lbf
C0 - Static Radial Rating	23000 lbf



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C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	2630 lbf
K - Factor ⁸	1.93
G1 - Heat Generation Factor (Roller-Raceway)	28.7
G2 - Heat Generation Factor (Rib-Roller End)	12.2
C _g - Geometry Factor	0.0725