



NTPT NTK BEARINGS CO.,LTD.

TYPE TS



Timken 2788 Bearing

Bearing No. 2788

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

2788 Bearing 2D drawings and 3D CAD models



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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
Cg - Geometry Factor	0.0725