



NTN BEARING CORP.OF America LTD.

TYPE TS



Timken 1779 Bearing

Bearing No. 1779

1779 Bearing 2D drawings and 3D CAD models

Series	1700
Cone Part Number	1779
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	17800 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	4610 lbf
d	0.9375 in
B - Cone Width	0.7810 in
R - Cone Backface To Clear Radius ³	0.03 in
da - Cone Frontface Backing Diameter	1.12 in
db - Cone Backface Backing Diameter	1.16 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0.01 in
a - Effective Center Location ⁴	-0.27 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	2650 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	10200 lbf
C0 - Static Radial Rating	10200 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	1390 lbf
K - Factor ⁸	1.9
G1 - Heat Generation Factor (Roller-Raceway)	10.6
G2 - Heat Generation Factor (Rib-Roller End)	5.39
Cg - Geometry Factor	0.0521