NTN 230/850BK spherical roller bearings

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Series	2700
Cone Part Number	2796
Cup Part Number	2720-B
Design Units	Imperial
Bearing Weight	1.3 lb
Cage Type	Stamped Steel
d	1.3750 in
D	3 in
D1 – Flange Outer Diameter	3.2500 in
B — Cone Width	1.0100 in
C - Cup Width	0.7500 in
C1 — Cup Flange Width	0.2500 in
T1 — Bearing Width	0.9375 in
T – Bearing Width to Flange	0.4375 in
R – Cone Backface To Clear Radius1	0.14 in
r – Cup Backface To Clear Radius2	0.130 in
da — Cone Frontface Backing Diameter	1.61 in
db — Cone Backface Backing Diameter	1.87 in
Da — Cup Frontface Backing Diameter	2.91 in
Ab – Cage-Cone Frontface Clearance	0.06 in
Aa – Cage-Cone Backface Clearance	0.04 in
a — Effective Center Location3	-0.32 in

C90 — Dynamic Radial Rating (90 million revolutions)4	5060 lbf
C1 — Dynamic Radial Rating (1 million revolutions)5	19500 lbf
C0 — Static Radial Rating	23000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions)6	2630 lbf
K – Factor7	1.93
e – ISO Factor8	0.3
Y – ISO Factor9	1.98
G1 – Heat Generation Factor (Roller-Raceway)10	28.7
G2 — Heat Generation Factor (Rib-Roller End)	12.2
Cg — Geometry Factor11	0.0725