

NTN 230/850BK spherical roller bearings

Advance NTN 230/850BK spherical roller bearings is your source for quality and accessories. shop 2700 Series online for home delivery or pick up in one of our 10000 .

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 – Factor ⁷	1.93
e – ISO Factor ⁸	0.3
Y – ISO Factor ⁹	1.98
G1 – Heat Generation Factor (Roller-Raceway) ¹⁰	28.7
G2 – Heat Generation Factor (Rib-Roller End)	12.2
Cg – Geometry Factor ¹¹	0.0725