

NACHI NF 1007 cylindrical roller bearings

Welcome to HM911200 Series the NACHI NF 1007 cylindrical roller bearings HM911210-B Cup Part Number online seller.

Series	HM911200
Cone Part Number	HM911244
Cup Part Number	HM911210-B
Design Units	Imperial
Bearing Weight	4.6 lb
Cage Type	Stamped Steel
d	2.3617 in
D	5.1250 in
D1 – Flange Outer Diameter	5.3750 in
B – Cone Width	1.2175 in
C – Cup Width	0.9375 in
C1 – Cup Flange Width	0.2500 in
T1 – Bearing Width	1.3425 in
T – Bearing Width to Flange	0.6550 in
R – Cone Backface To Clear Radius ¹	0.14 in
r – Cup Backface To Clear Radius ²	0.130 in
da – Cone Frontface Backing Diameter	2.93 in
db – Cone Backface Backing Diameter	3.31 in
Da – Cup Frontface Backing Diameter	4.88 in
Ab – Cage-Cone Frontface Clearance	0.2 in
Aa – Cage-Cone Backface Clearance	0.15 in
a – Effective Center Location ³	0.31 in

C90 – Dynamic Radial Rating (90 million revolutions) ⁴	11500 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁵	44400 lbf
C0 – Static Radial Rating	41100 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	16200 lbf
K – Factor ⁷	0.71
e – ISO Factor ⁸	0.82
Y – ISO Factor ⁹	0.73
G1 – Heat Generation Factor (Roller-Raceway) ¹⁰	56.4
G2 – Heat Generation Factor (Rib-Roller End)	16.5
Cg – Geometry Factor ¹¹	0.0842