

NTN SA1-40BSS plain bearings

NTN SA1-40BSS plain bearings 07196 Cup Part Number
Manufacturers , Online 07000 Series 07100 Cone Part Number
Wholesale Suppliers !

Series	07000
Cone Part Number	07100
Cup Part Number	07196
Design Units	Imperial
Bearing Weight	0.10 Kg
Cage Type	Stamped Steel
d	25.400 mm
D	50.005 mm
B – Cone Width	14.260 mm
C – Cup Width	9.525 mm
B	13.495 mm
R – Cone Backface To Clear Radius ¹	1.020 mm
r – Cup Backface To Clear Radius ²	1.02 mm
da – Cone Frontface Backing Diameter	29.46 mm
db – Cone Backface Backing Diameter	30.48 mm
Da – Cup Frontface Backing Diameter	47.50 mm
Db – Cup Backface Backing Diameter	44.45 mm
Ab – Cage-Cone Frontface Clearance	2 mm
Aa – Cage-Cone Backface Clearance	0 mm
a – Effective Center Location ³	-2.8 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	1700 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁵	6540 lbf

C0 – Static Radial Rating	6650 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	1170 lbf
K – Factor ⁷	1.45
e – ISO Factor ⁸	0.4
Y – ISO Factor ⁹	1.49
G1 – Heat Generation Factor (Roller-Raceway)	7.6
G2 – Heat Generation Factor (Rib-Roller End)	7.1
Cg – Geometry Factor	0.0509