

# 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 <sup>1</sup>	1.020 mm
r – Cup Backface To Clear Radius <sup>2</sup>	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 <sup>3</sup>	-2.8 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	1700 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	6540 lbf

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