

# AST AST090 11550 plain bearings

Welcome 210000 Series to the AST AST090 11550 plain bearings online 211300 Cup Part Number seller.

Series	210000
Cone Part Number	EE210753
Cup Part Number	211300
Design Units	Imperial
Bearing Weight	19.800 Kg
Cage Type	Stamped Steel
d	190.5 mm
D	330.200 mm
B – Cone Width	61.913 mm
C – Cup Width	42.863 mm
B	63.5 mm
R – Cone Backface To Clear Radius <sup>1</sup>	7.110 mm
r – Cup Backface To Clear Radius <sup>2</sup>	3.30 mm
da – Cone Frontface Backing Diameter	210.06 mm
db – Cone Backface Backing Diameter	220.98 mm
Da – Cup Frontface Backing Diameter	300.00 mm
Db – Cup Backface Backing Diameter	298.96 mm
Ab – Cage-Cone Frontface Clearance	5.3 mm
Aa – Cage-Cone Backface Clearance	10.7 mm
a – Effective Center Location <sup>3</sup>	-4.6 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	39500 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	152000 lbf
C0 – Static Radial Rating	235000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	26000 lbf
K – Factor <sup>7</sup>	1.52
e – ISO Factor <sup>8</sup>	0.38
Y – ISO Factor <sup>9</sup>	1.56
G1 – Heat Generation Factor (Roller-Raceway)	737
G2 – Heat Generation Factor (Rib-Roller End)	116
Cg – Geometry Factor	0.123