

# AST ASTT90 18570 plain bearings

AST ASTT90 18570 plain bearings Engineering Calculator , 394D Cup Part Number Manufacturing 395 Series Service 395A Cone Part Number . Get Your Free.

Series	395
Cone Part Number	395A
Cup Part Number	394D
Design Units	Imperial
Bearing Weight	3.77 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.11 in
d	2.6250 in
D	4.3307 in
B – Cone Width	0.8660 in
C – Double Cup Width	1.8125 in
T – Bearing Width across Cones	2.0624 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.03 in
r – Cup Frontface To Clear Radius <sup>2</sup>	0.03 in
db – Cone Backface Backing Diameter	2.87 in
Da – Cup Frontface Backing Diameter	4.12 in
Aa – Cage-Cone Backface Clearance	0.05 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	5760 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	38700 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	10000 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	3970 lbf
K – Factor <sup>7</sup>	1.45
e – ISO Factor <sup>8</sup>	0.4
Y1 – ISO Factor <sup>9</sup>	1.68
Y2 – ISO Factor <sup>10</sup>	2.5
G1 – Heat Generation Factor (Roller-Raceway) <sup>11</sup>	56
G2 – Heat Generation Factor (Rib-Roller End)	21.4
Cg – Geometry Factor <sup>12</sup>	0.0984