

# AST AST11 5530 plain bearings

AST AST11 5530 plain bearings Engineering Calculator , Manufacturing Service M236849H Cone Part Number . Get Your Free.

Cone Part Number	M236849H
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	200000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	51800 lbf
d	7.0000 in
B – Cone Width	2.125 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da – Cone Frontface Backing Diameter	7.52 in
db – Cone Backface Backing Diameter	7.68 in
Ab – Cage-Cone Frontface Clearance	0.18 in
Aa – Cage-Cone Backface Clearance	0.14 in
a – Effective Center Location <sup>4</sup>	-0.26 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	29800 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	115000 lbf
C0 – Static Radial Rating	195000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	16900 lbf
K – Factor <sup>8</sup>	1.76
G1 – Heat Generation Factor (Roller-Raceway)	657.2

G2 – Heat Generation Factor (Rib-Roller End)	95.5
Cg – Geometry Factor	0.113