

# AST AST090 6030 plain bearings

What is AST AST090 6030 plain bearings in mechanical engineering? Manufacturing Service . Upload your CAD file for HM259000 Series an Imperial Design Units instant.

Series	HM259000
Cone Part Number	HM259049H
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions)1	645000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions)2	167000 lbf
d	12.5000 in
B – Cone Width	3.3750 in
R – Cone Backface To Clear Radius3	0.14 in
da – Cone Frontface Backing Diameter	13.31 in
db – Cone Backface Backing Diameter	13.46 in
Ab – Cage-Cone Frontface Clearance	0.13 in
Aa – Cage-Cone Backface Clearance	0 in
a – Effective Center Location4	-0.19 in
C90 – Dynamic Radial Rating (90 million revolutions)5	96000 lbf
C1 – Dynamic Radial Rating (1 million revolutions)6	370000 lbf
C0 – Static Radial Rating	606000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions)7	55000 lbf

K – Factor <sup>8</sup>	1.74
G1 – Heat Generation Factor (Roller-Raceway)	2645.1
G2 – Heat Generation Factor (Rib-Roller End)	284.4
Cg – Geometry Factor	0.179