

AST AST090 7060 plain bearings

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Series	32221
Cone Part Number	X32221
Design Units	METRIC
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	156000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	40400 lbf
d	105.000 mm
B – Cone Width	50 mm
WPD	176.9 mm
DD	158.1 mm
R – Cone Backface To Clear Radius ³	3.050 mm
da – Cone Frontface Backing Diameter	120 mm
db – Cone Backface Backing Diameter	127 mm
Ab – Cage-Cone Frontface Clearance	3.6 mm
Aa – Cage-Cone Backface Clearance	4.3 mm
a – Effective Center Location ⁴	-7.9 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	103000 N
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	398000 N
C0 – Static Radial Rating	516000 N

Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	74300 N
K – Factor ⁸	1.39
G1 – Heat Generation Factor (Roller-Raceway)	219.9
G2 – Heat Generation Factor (Rib-Roller End)	43.5
Cg – Geometry Factor	0.108