

FAG 533449 angular contact ball bearings

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Series	95000
Cone Part Number	95500
Cup Part Number	95912
Design Units	Imperial
Bearing Weight	11.3 Kg
Cage Type	Stamped Steel
d	127 mm
D	231.775 mm
B – Cone Width	63.5 mm
C – Cup Width	49.213 mm
B	63.5 mm
R – Cone Backface To Clear Radius ¹	6.35 mm
r – Cup Backface To Clear Radius ²	3.30 mm
da – Cone Frontface Backing Diameter	141.99 mm
db – Cone Backface Backing Diameter	153.92 mm
Da – Cup Frontface Backing Diameter	217.90 mm
Db – Cup Backface Backing Diameter	207.01 mm
Ab – Cage-Cone Frontface Clearance	4.8 mm
Aa – Cage-Cone Backface Clearance	5.6 mm
a – Effective Center Location ³	-14 mm

C90 – Dynamic Radial Rating (90 million revolutions) ⁴	36700 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁵	141000 lbf
C0 – Static Radial Rating	209000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	23200 lbf
K – Factor ⁷	1.58
e – ISO Factor ⁸	0.37
Y – ISO Factor ⁹	1.62
G1 – Heat Generation Factor (Roller-Raceway)	453.9
G2 – Heat Generation Factor (Rib-Roller End)	59.4
Cg – Geometry Factor	0.132