

AST LD5804ZZ deep groove ball bearings

What are the types of AST LD5804ZZ deep groove ball bearings ? 219000 Series Manufacturing Service . Get Your Free, Instant price, design review.

Series	219000
Cone Part Number	EE219068
Cup Part Number	219122
Design Units	Imperial
Bearing Weight	25.3 Kg
Cage Type	Stamped Steel
d	174.625 mm
D	311.15 mm
B – Cone Width	82.550 mm
C – Cup Width	63.500 mm
B	82.550 mm
R – Cone Backface To Clear Radius ¹	6.35 mm
r – Cup Backface To Clear Radius ²	6.35 mm
da – Cone Frontface Backing Diameter	193.04 mm
db – Cone Backface Backing Diameter	203.96 mm
Da – Cup Frontface Backing Diameter	282.20 mm
Db – Cup Backface Backing Diameter	275.08 mm
Ab – Cage-Cone Frontface Clearance	1.5 mm
Aa – Cage-Cone Backface Clearance	9.4 mm
a – Effective Center Location ³	-15.2 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	54000 lbf

C1 – Dynamic Radial Rating (1 million revolutions) ⁵	208000 lbf
C0 – Static Radial Rating	341000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	34900 lbf
K – Factor ⁷	1.55
e – ISO Factor ⁸	0.38
Y – ISO Factor ⁹	1.59
G1 – Heat Generation Factor (Roller-Raceway)	841
G2 – Heat Generation Factor (Rib-Roller End)	94.9
Cg – Geometry Factor	0.129