



Ford Blue Oval with Brodix Heads Specifications

Max Cubic Inch	350
Max. Compression	10.0
Piston	Mahle Forged Aluminum Part # SBF 090030F06 - Weight w/o Pin 395 Grams
	Replaced 2017 Mahle Forged Aluminum Part # 930244730 - Weight w/o Pin 398 Grams
Rings	1 x 1 x 2 Mahle Part # 4030/35/40MS-112 - No Gas Ported Rings
Wrist Pins	0.927"
Connecting Rods	Scat Part # 2-1CR5400-927 or 2-ICR5400-7/16 - 5.400 Center to Center
Block	M-6010-Boss 302 or Dart 8.2
Bore	4.050"
Stroke	3.400" +/- .007"
Main Journal Size	2.250" +/- .030
Intake	Edelbrock Victor Jr. Ford Part # M-9424-D302 or Edelbrock Part # 2921
Crankshaft	Scat # 4-323-0010-5090 or 4-302-3400-5400-2123 - Forged Steel - 49 Lbs. +/- 0.50 lbs.
Balance	Neutral Balance or 2802 Front External Only
Heads	Brodix Head Kit Part # CKST 50 - Must use parts supplied in Brodix Head Kit
	Chamber 63cc +/- 2.0cc - Fully Machined Combustion Chambers & Parts
Deck Height	8.200"
Valves	Int. Dia. 2.020" / Exh. Dia. 1.600" +/- 0.005
	Stainless Steel w/ Swirl Polished Head
Valve Springs	Beehive - Comp 26918 / PAC 1218 / PAC 1219X - Optional Spring PSI LS1511ML
Valve Spring Height	1.750" - 1.800"
Valve Spring Press.	Closed 145 lbs @ 1.800" - Open 358 lbs @ 1.175"
Camshaft	Ford M-6250-F303 Hydraulic Roller
Cam Lobe Lift	0.320" Int. & Exh.
Cam Lobe Duration	226° @ .050" Lift Int. & Exh.
Lifters	Ford Hydraulic Roller M-6500-R302H or M-6500-R302
Rocker Arms	Scorpion 3067 1.65
Push Rods	5/16 x .080 Wall
Oil Pump	Melling M-6600-D2
Oil Pan	Part # M-6675-D347SR Pan or Kevko Part # F101 or F503 With No Louver Tray

