



Ford Blue Oval 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
Wrist Pins	0.927"
Connecting Rods	Scat Part # 2-1CR5400-927 - 5.400 Center to Center
Block	M-6010-Boss 302
Bore	Max 4.050"
Stroke	3.400" +/- .007"
Main Journal Size	2.250"
Intake	Edelbrock Victor Jr. Ford Part # M-9424-D302
Crankshaft	Scat Part # 432300105090 - Forged Steel - 49 Lbs. +/- 0.50 lbs.
Balance	Neutral Balance
Heads	Ford Racing Part # M-6049-Z304DA - Replacement Part # M-6049-Z304D
	Chamber 63cc +/- 2.0cc - Fully Machined Combustion Chambers
Deck Height	8.200"
Valves	Int. Dia. 2.020" Length 5.340" / Exh. Dia. 1.600" Length 5.365" - +/- 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	Ford Racing Roller Rocker M-6564-F351 - 1.65:1 - Jesel KSS-566565 1.65
Push Rods	6.450" - 6.800" Length Used Based On Rocker Brand
Oil Pump	Melling M-6600-D2
Oil Pan	Part # M-6675-D347SR Pan

