

SBF 205	
Recommended for race applications and very aggressive street/strip builds operating up to 7400 RPM. Maximum intake flow potential @0.750" lift	
Specifications & Features:	
Material	A356.2 Aluminum
Intake Port Volume	203cc
Intake seat size	2.08
Exhaust seat size	1.6
Intake Port Dimension	2.115" H x 1.300" W x 3/8 Radius
Intake Port Location	Stock
Exhaust Port Volume	70cc
Exhaust Port Dimension	1.400" H x 1.400" W
Exhaust Port Location	Raised .125"
Combustion Chamber Size	58cc
Valve Cover Bolt Pattern	Perimeter Bolt
Valve Angle	20°
Valve Spring Pocket Diameter	1.580" O.D
Max Valve Spring Pocket Machining	1.625" O.D
Deck Thickness	.750"
Minimum Bore Diameter	4.000"
Flat Mill	.006" per cc 54cc Max (from 58cc); 68cc Max (from 72cc);
Angle Mill	.009" per cc 48cc Max (from 58cc); 62cc Max (from 72cc);
Minimum Cross Sectional Area	2.165 sq. in.
Spark Plug Dimensions	14mm x .750" w/Gasket Seat
Head Bolt Diameter	1/2"
Recommended Components:	
Rocker Type Mount	
8mm Bead Lock Intake Valve, 2.080" x 5.000" Overall Valve Length	
8mm Bead Lock Exhaust Valve, 1.600" x 5.030" Overall Valve Length	
PAC Racing Spring 1.550" OD Solid Roller Dual Valve Spring, 220 lbs on seat, .710" maximum lift, Max RPM 7200-7400 (upgrades available)	
10° Manley Steel Retainers 1.500" O.D x 1.120" I.D x .705" I.D	
10° Bead Lock Valve Keepers with lashcap recess	
ARP 7/16" Rocker Studs	

Adjustable 5/16" Guide Plates

Viton Valve Seals .600" O.D x .495" I.D

Hardened Valve Spring I.D Locator 1.550" O.D x .780" I.D

Powder Metallurgy Intake Valve Seats 2.131" O.D x 1.680" I.D x .375" Deep

Powder Metallurgy Exhaust Valve Seats 1.650" O.D x 1.350" I.D x .375" Deep

8 mm Bronze Valve Guides .502" O.D x 2.100" O.A.L

Recommended Components:

Intake Port Gasket, 1.200" X 2.000" w/ 3/8" radius, Fel-Pro #1262

Important: Do not port match your intake manifold to Fel-Pro gasket as it does not precisely fit MIC heads.

Exhaust Port Gasket, Fel-Pro #1487

Head Gasket, Fel-Pro #1011-1

SB Ford 1/2" Bolt Head Bolt Kit, ARP #154-3603

SB Ford 1/2" Bolt Head Stud Kit, ARP #254-4503

1/2" Bolt - 7/16" Thread Head Bolts, ARP 254-3708

Head Bolt Washer Kit, Manley

Stud Girdle

Suggested Manifold - Super Vic or Vic Jr.

Spark Plug Starting Range

Autolite 3922

FLOW FIGURES STANDARD SBF 205 AS CASTING HEAD 4.0" bore

	Intake	Exhaust
0.1	64.9	64.2
0.2	141.1	112.1
0.3	196	149.5
0.4	238.2	180
0.5	269.6	197
0.55	281	200
0.6	282.5	202