

SHORT BLOCK

Block: 6.0L L92 heads	Bore: 4.000 in	Stroke: 3.622 in
Cylinders: 8	Cyl Vol: 745.86 cc	Total Vol: 364.1 ci

CYLINDER HEADS

Cylinder Heads: L92		
Airflow File: L92.flw		
Intake Valves: 1	Exhaust Valves: 1	
Intake Valve: 2.190 in	Exhaust Valve: 1.590 in	

COMPRESSION

Compression Ratio: 9.50	Combustion Space: 87.75 cc
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INDUCTION

Induction Flow: 850.0 cfm @ 1.50 inHg	Fuel: Gasoline
Manifold Type: Sequential-Fire Injection	N20: 0.0 lbs/min
Blower: None	Intercooler: *** %
Flow: *** cfm	Pressure Ratio: ***
Speed: *** rpm	Boost Limit: *** psi
Eff: *** %	Surge Flow: *** cfm
	Internal Gear Ratio: ***

EXHAUST

Exhaust System: Small-Tube Headers With Mufflers
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CAMSHAFT

Camshaft Type: GM ASA	Cam File: GM ASA.cam		
Lifter: Roller	Lobe Center: 110.0		
Cam Specs @: 0.050-Lift	Valve Overlap: 11.0		
Int Lift@Valve: 0.525 in	Int Duration: 226.0		
Exh Lift@Valve: 0.525 in	Exh Duration: 236.0		
Nominal Timing	Timing@ Adv(+)/Ret(-): 0.0		
IVO (BTDC): 3.0	IVC (ABDC): 43.0	IVO: 3.0	IVC: 43.0
EVO (BBDC): 48.0	EVC (ATDC): 8.0	EVO: 48.0	EVC: 8.0
ICA (ATDC): 110.0	ECA (BTDC): 110.0	ICA: 110.0	ECA: 110.0

CYLINDER HEAD AIRFLOW DATA

Description: L92

Intake Valve

Test Diameter: 2.160 in
 Pressure Drop: 1.0 inH2O

<u>Lift: in</u>	<u>Flow: cfm</u>
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0.100	74.9
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0.200	154.4
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0.300	225.3
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0.400	274.6
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0.500	308.8
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0.600	328.7
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0.700	310.0
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Exhaust Valve

Test Diameter: 1.590 in
 Pressure Drop: 1.0 inH2O

<u>Lift: in</u>	<u>Flow: cfm</u>
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0.100	63.6
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0.200	126.1
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0.300	162.3
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0.400	189.6
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0.500	205.5
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0.600	214.6
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0.700	221.2
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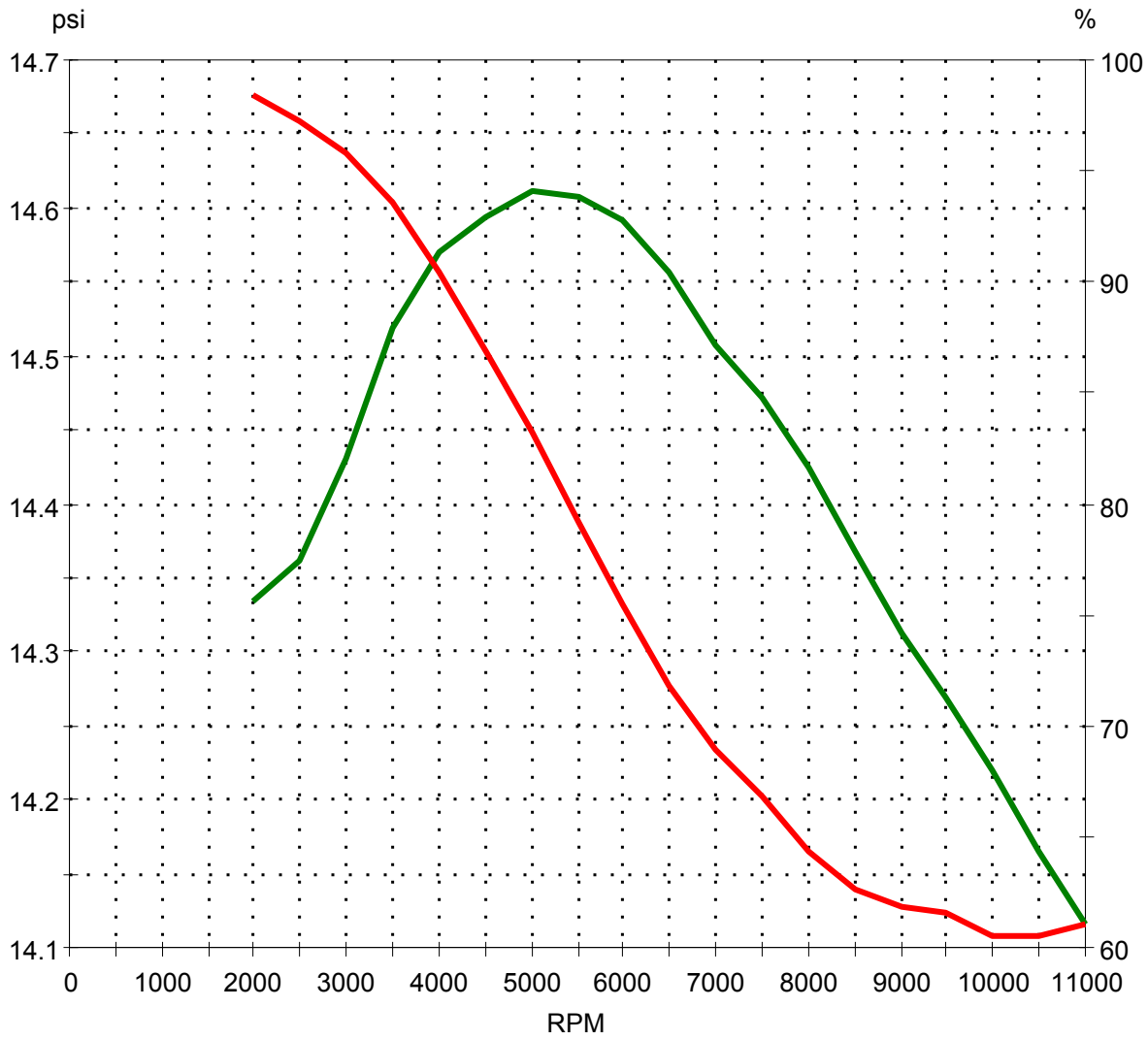
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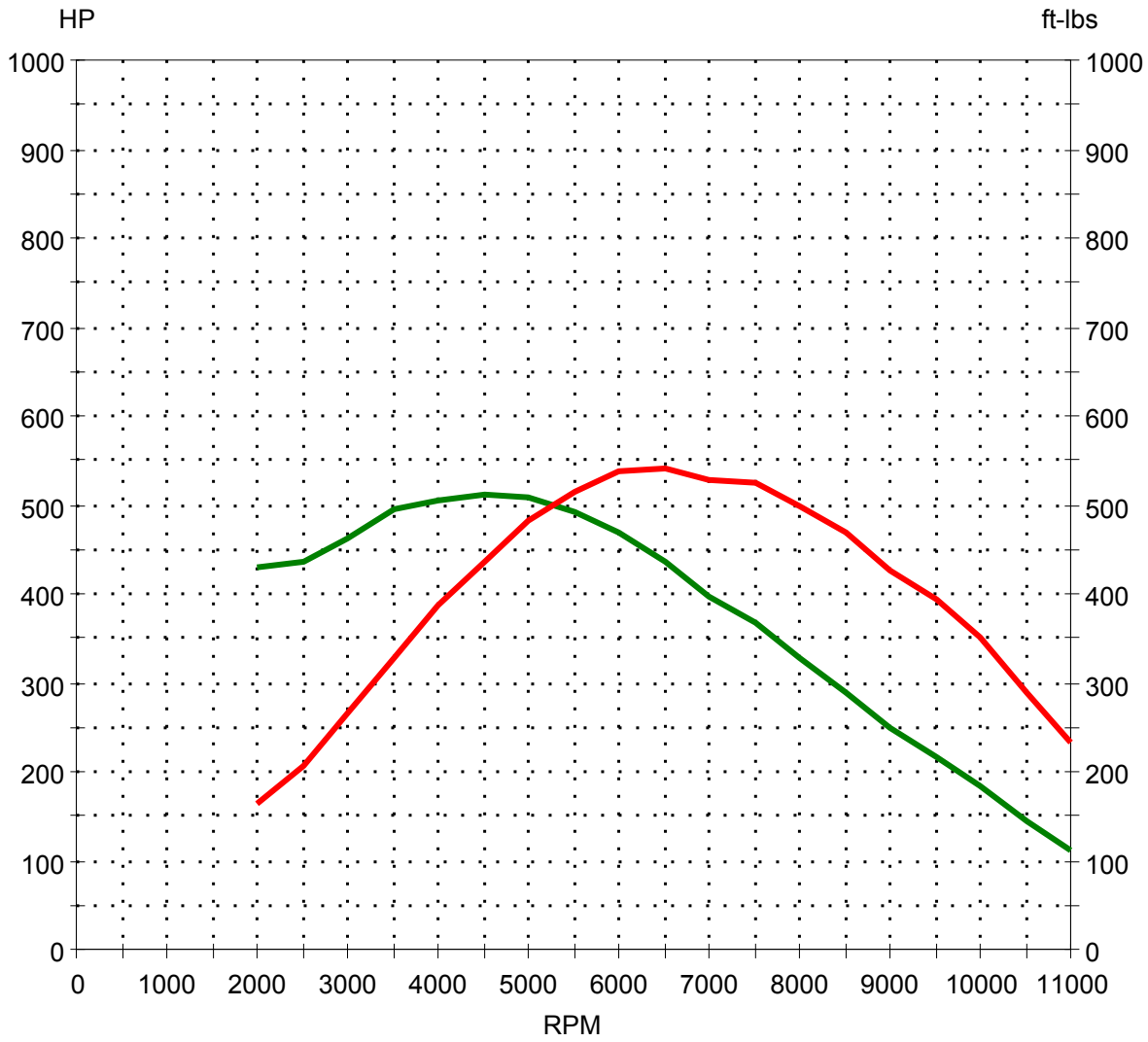
CALCULATED POWER AND ENGINE PRESSURES

Engine RPM	Power (Fly)	Torque (Fly)	Int Man Pressure	Vol Eff %	IMEP Pressure	FMEP Pressure	BMEP Pressure
2000	164	431	14.68	75.6	231.0	17.6	180.9
2500	208	436	14.66	77.4	224.1	19.1	183.1
3000	264	463	14.64	82.0	233.5	20.6	194.4
3500	329	494	14.60	88.0	244.4	22.3	207.5
4000	386	506	14.56	91.3	249.5	24.1	212.6
4500	437	510	14.50	92.9	253.2	26.1	214.3
5000	483	508	14.45	94.2	254.1	28.1	213.2
5500	515	491	14.39	93.8	249.0	30.3	206.3
6000	537	470	14.33	92.8	241.8	32.6	197.4
6500	540	436	14.28	90.4	229.3	35.0	183.3
7000	528	396	14.23	87.1	214.0	37.5	166.4
7500	524	367	14.20	84.8	203.6	40.2	154.2
8000	500	328	14.16	81.6	189.0	43.0	137.8
8500	469	290	14.14	77.9	174.9	45.8	121.7
9000	427	249	14.13	74.1	159.8	48.8	104.7
9500	393	217	14.12	71.3	148.6	52.0	91.2
10000	349	183	14.11	68.0	136.9	55.2	77.0
10500	289	145	14.11	64.4	123.0	58.6	60.8
11000	231	110	14.12	61.0	111.2	62.1	46.4



Manifold Pressure (psi)-6.0L L92 heads

Volumetric Eff.(%)-6.0L L92 heads



— Power (HP)-6.0L L92 heads — Torque (ft-lbs)-6.0L L92 heads