



Revision: A  
Last Revised: 7/22/2014

**5.7L Naturally Aspirated Stationary  
Emergency Only**



Rev:	A	
Units		5.7L NA
Std	Metric	1500 1800

General Engine Data							
Type	N/A		GM V-Type 4 Cycle				
Number of cylinders	N/A		8				
Aspiration	N/A		Naturally Aspirated				
Bore	in	mm	4	101.6	4	101.6	
Stroke	in	mm	3.48	88.4	3.48	88.4	
Displacement	in <sup>3</sup>	L	350	5.7	350	5.7	
Compression Ratio	N/A		9.1:1				
RPM Range (Min-Max)	RPM		1500-1800				
Rotation Viewed from Flywheel	N/A		Counter Clockwise				
Firing Order	N/A		1-8-4-3-6-5-7-2				
Dry Weight (long Block)	lb	kg	432	196	432	196	
Gross Intermittent Power Rating at the Flywheel							
LP	Hp	kW	94.30	70.32	113.16	84.38	
NG	Hp	kW	87.28	65.08	104.73	78.10	
Gross Continuous Power Rating at the Flywheel							
LP	Hp	kW	N/A	N/A	N/A	N/A	
NG	Hp	kW	N/A	N/A	N/A	N/A	
Exhaust System							
Type			Air Cooled Manifold				
Intermittent Rating Catalyst Configuration for US Certified Product			No Catalyst		No Catalyst		
Continuous Rating Catalyst Configuration for US Certified Product			Dual- 4.66"x6"		Dual- 4.66"x6"		
Maximum allowable Back pressure	in HG	kPa	3	10.2	3	10.2	
Exhaust Volumetric Flow at Rated Power @ 1350 F	cfm	m <sup>3</sup> /min	470.5	13.32	552.7	15.82	
Air Induction System							
Maximum allowable Intake Air Restriction with Air Cleaner							
Clean	inH2O	kPa	3	1.49	3	1.49	
Dirty	inH2O	kPa	13	3.24	13	3.24	
Combustion Air required (volume)	cfm	m <sup>3</sup> /min	145.70	4.13	173.00	4.90	
Cooling System							
Coolant Capacity							
Engine only	qts	L	8.1	7.8	8.1	7.8	
Heat rejected to Cooling water at rated Load	btu/min	kcal/sec	2600	12.8	3120	13.1	
Cracking Temperature	F	C	160	71	160	71	
Full Open Temperature	F	C	185	85	185	85	
Lubrication System							
Oil Specification			SAE 5W-30 API Rating of SM or Newer				
Maximum Allowable Oil Temperature	F	C	250	121	250	121	
Engine Oil Capacity							
Min	Qts	L	5	4.7	5	4.7	
Max	Qts	L	5	4.7	5	4.7	
Fuel System							
Fuel Consumption @ Rated Load							
NG	lb/hr	kg/hr	33.9	15.37	38.2	17.32	
LP	lb/hr	kg/hr	38.2	17.32	42.1	19.09	
Maximum EPR Rated Pressure	psi	kPa	1.0	6.9	1.0	6.9	
Recommended Maximum Running pressure to Electronic Pressure Regulator (EPR)	inH2O	kPa	20.0	2.7	11.0	2.7	
Recommended Minimum Running pressure to EPR	inH2O	kPa	7.0	1.7	7.0	1.7	
Minimum NG Supply Pipe Size			1-1/4" NPT				
Minimum LPG Supply Pipe Size <sup>4</sup>			3/4"				

<sup>2</sup> All ratings are gross flywheel horsepower corrected to 77°F at an altitude of 328feet with no cooling fan or alternator losses using heating value for NG of 1015 BTU/SCF.

<sup>3</sup> Production tolerances in engines and installed components can account for power variations of +/- 5%. Altitude, temperature and excessive exhaust and intake restrictions should be applied to power calculations.

<sup>4</sup> The preceding pipe sizes are only suggestions and piping sizes may vary with temperature, pressure, distance from supply and application of local codes. Gas must be available at adequate volume and pressure for engine at the EPR.

<sup>5</sup> >1400RPM

<sup>6</sup> See NGE Technical Spec. 56300002 - Fuel Specification