



Generator Engine Performance Data
HONGFENG CUMMINS ENGINE Co., LTD
Xiangfan, Hubei Province, China
<http://www.dcec.com.cn>

Basic Engine Model:

6CTAA8.3-G9

FR94434

**FR94434 @ 1500 RPM
&1800RPM**

Configuration

D413058GX03

CPL Code

CPL: 4322

Revision

2013/3/18

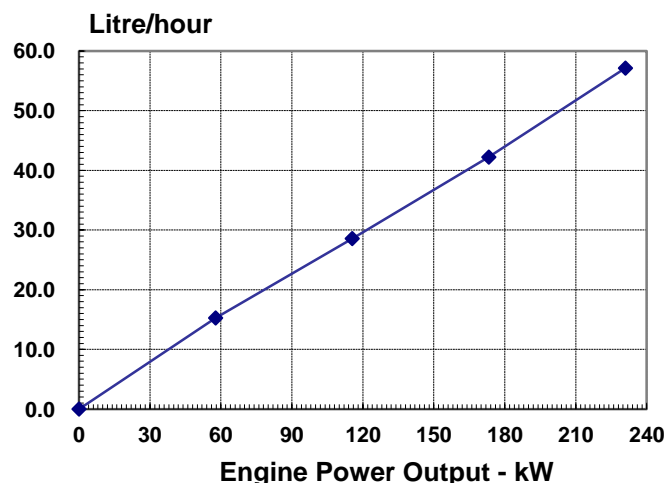
Compression Ratio:	16.7:1	Aspiration:	Turbocharged and Charge Air Cooled
Bore:	114 mm	Displacement:	8.3 L
Stroke:	135 mm	No. of Cylinders:	6
Emission Certification:		Fuel System:	BYC P7100/Electronic Governor
Governor Regulation:	≤5%		

All data is based on the engine operating with fuel system, water pump, and 14.3 in H₂O (3.7 kPa) inlet air restriction with 5.98 in (152mm) inner diameter, and with 2.9 in Hg (10 kPa) exhaust restriction with 4.02 in (102 mm) inner diameter; not included are alternator, fan, optional equipment and driven components. Coolant flows and heat rejection data based on coolants as 50% ethylene glycol/50% water. All data is subject to change without notice.

Engine Speed	Standby Power	
RPM	kW	HP
1500	231	310
1800	263	352

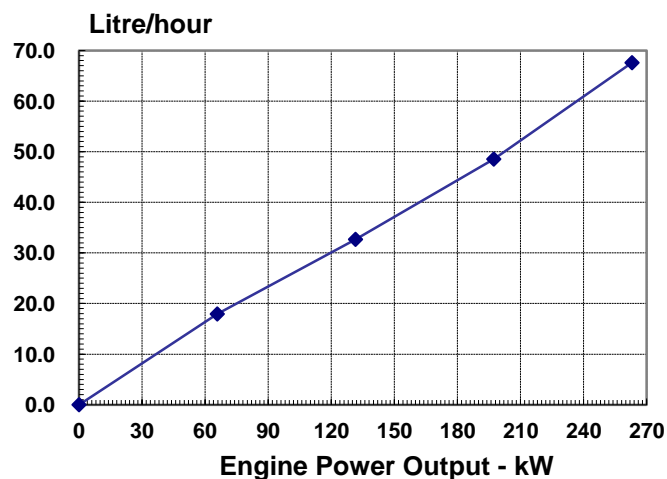
Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	231	310	204	57
75	173	232	201	42
50	116	155	204	29
25	58	77	218	15



Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	263	352	212	68
75	197	264	203	49
50	132	176	205	33
25	66	88	225	18



Curves shown above represent gross engine performance capabilities obtained and corrected in accordance with GB/T18297 conditions of 100kPa (29.61 in. Hg) barometric pressure, 25°C (77°F) inlet air temperature, and 1 kPa (0.30 in. Hg) water vapor pressure.