



## Generator Engine Performance Data

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Basic Engine Model:

**6CTA8.3-GM155**

**FR92119**

**155 kW @ 1500 RPM**

Configuration

**D413065MX03**

CPL Code

**CPL:1788**

Revision

**2009-4-15**

Compression Ratio: **17.3:1**  
Bore: **114 mm**  
Stroke: **135 mm**  
Emission Certification: **CCS IMO**  
Governor Regulation: **≤3%**

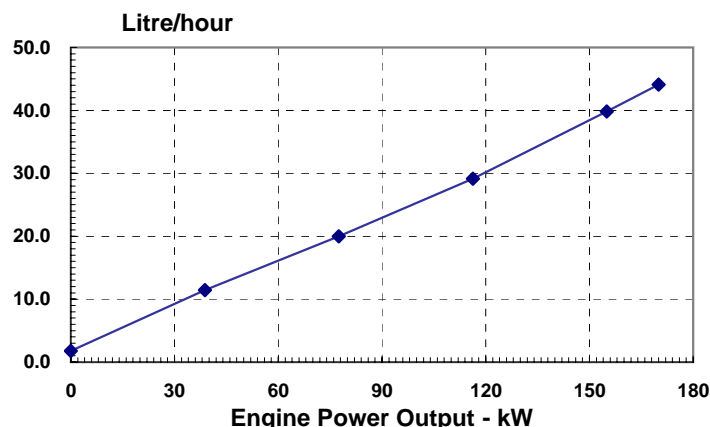
Aspiration: **Turbocharged & Aftercooled**  
Displacement: **8.3 L**  
No. of Cylinders: **6**  
Fuel System: **BYC PB/GAC 24V**

All data is based on the engine operating with fuel system, water pump, and 10 in H<sub>2</sub>O (2.488 kPa) inlet air restriction with 5.98 in (152mm) inner diameter, and with 2.01 in Hg (7 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		Prime Power		Continuous Power	
RPM	kW	HP	kW	HP	kW	HP
1500	170	228	155	208	TBD	TBD

### Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	170	228	214	44
PRIME POWER				
100	155	208	212	40
75	116	156	207	29
50	77.5	104	213	20
25	39	52	244	11
CONTINUOUS POWER				
TBD	TBD	TBD	TBD	TBD



### Engine Performance Data @ 1800 RPM

**Not Available at 1800 RPM**

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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 [80 m (263 ft.) altitude], 25°C (77°F) inlet air temperature, and 1 kPa (0.30 in. Hg) water vapor pressure with No.0# diesel fuel.