



Generator Engine Performance Data

DONGFENG CUMMINS ENGINE Co.,LTD

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Basic Engine Model:

6CT8.3-GM115

FR92221

115 kW @ 1500 RPM

Configuration

D412068MX03

CPL Code

CPL:1153

Revision

2009-4-15

Compression Ratio: **17.3:1**

Bore: **114 mm**

Stroke: **135 mm**

Governor Regulation: **≤3%**

Aspiration:

Displacement:

No. of Cylinders:

Fuel System:

Turbocharged

8.3 L

6

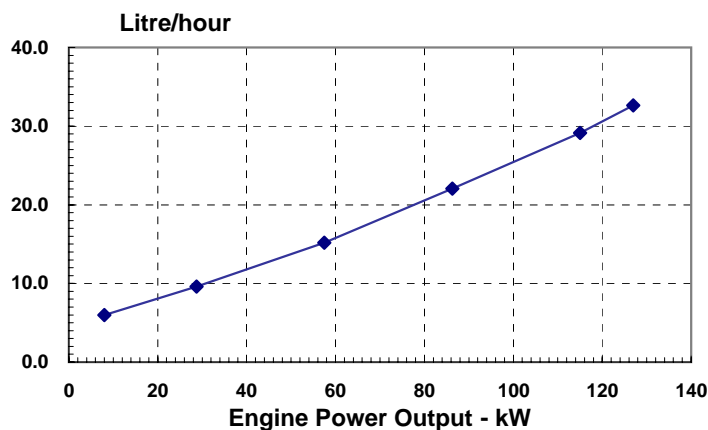
BYC PB/GAC 24V

All data is based on the engine operating with fuel system, water pump, and 10 in H₂O (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	127	170	115	154	TBD	TBD

Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	127	170	212	33
PRIME POWER				
100	115	154	209	29
75	86	116	211	22
50	58	77	218	15
25	29	39	275	10
CONTINUOUS POWER				
TBD	TBD	TBD	TBD	TBD



Engine Performance Data @ 1800 RPM

Not Available at 1800 RPM

Not Available at 1800 RPM

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.