



Generator Engine Performance Data

DONGFENG CUMMINS ENGINE Co.,LTD

Xiangfan, Hubei Province, China
<http://www.dcec.com.cn>

Basic Engine Model:

6CT8.3-GM129

FR92222

129 kW @ 1800 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

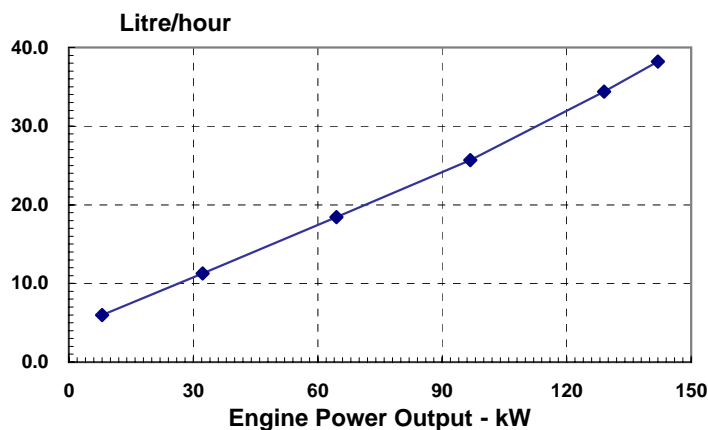
BYC PB/GAC 24V

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
1800	142	190	129	173	105	141

Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	142	190	222	38
PRIME POWER				
100	129	173	220	34
75	97	130	219	26
50	65	86	236	18
25	32	43	288	11
CONTINUOUS POWER				
100	105	141	220	28



Engine Performance Data @ 1500 RPM

Not Available at 1500 RPM

Not Available at 1500 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.