



Generator Engine Performance Data

DONGFENG CUMMINS ENGINE Co.,LTD

Basic Engine Model:

6BTAA5.9-GM115

FR92437

115kW @ 1500 RPM

Configuration
D403096MX02

CPL Code
CPL:2976

Revision
2009-4-15

Compression Ratio: **17.3 : 1**
Bore: **102 mm**
Stroke: **120 mm**
Governor Regulation: **≤3%**

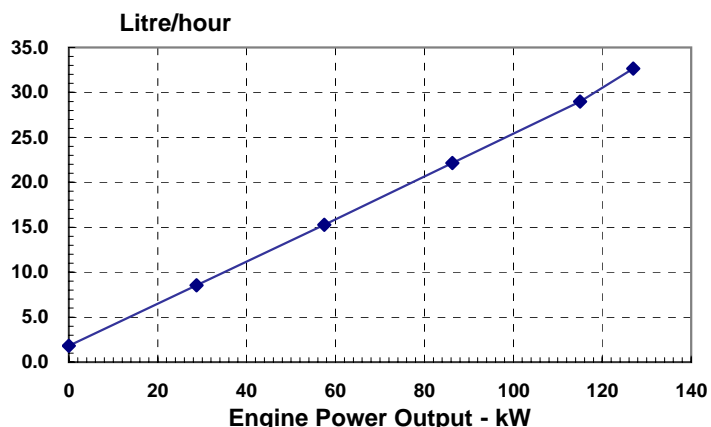
Aspiration: **Turbocharged and Charge Air Cooled**
Displacement: **5.9 L**
No. of Cylinders: **6**
Fuel System: **BYC PB/GAC 24V**

All data is based on the engine operating with fuel system, water pump, and 10 in 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		125	168	115	154	80	107

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	208	29
75	86	116	212	22
50	58	77	219	15
25	29	39	245	9
CONTINUOUS POWER				
100	80	107	214	21



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.