Industrial Engine Performance Data DONGFENG CUMMINS ENGINE Co.,LTD Xiangfan, Hubei Province, China http://www.dcec.com.cn	Basic Engine Model: **6BTAA5.9-G12** **FR94438**	**140kW@1500rpm** **150kW@1800rpm**		
		Configuration	**CPL Code**	**Revision**
		D403076GX03	**4283**	**2014/5/20**

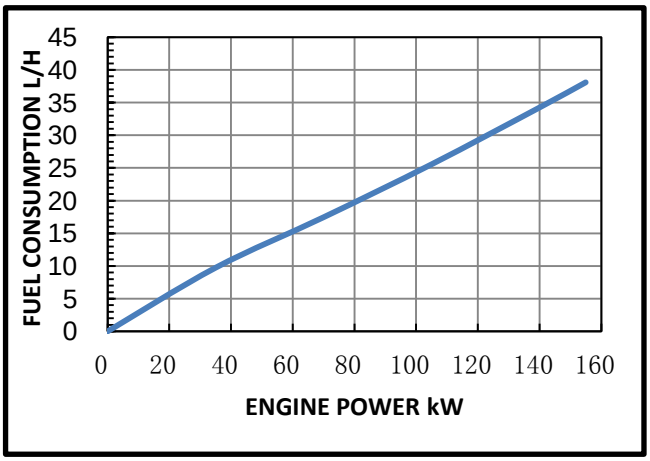
Compression Ratio:	**17.3:1**	Aspiration:	**Turbocharged & Charge Air Cooled**
Bore:	**102 mm**	Displacement:	**5.9 L**
Storke:	**120 mm**	No. of Cylinders:	**6**
Emission Certification:		Fuel System:	**BYC P7100/Electronic Governor**
Governor Regulation:	**≤5%**		

All data is based on the engine operating with fuel system, water pump, and 14.85 in H_2O (3.7 kPa) inlet air restriction , and with 2.95 in Hg (10 kPa) exhaust restriction ; not included are alternator,fan, optional equipment and driven components.

Engine Speed	Standby Power		Prime Power		Continuous Power	
RPM	kW	HP	kW	HP	kW	HP
1500	155	207	140	187		
1800	165	220	150	200		

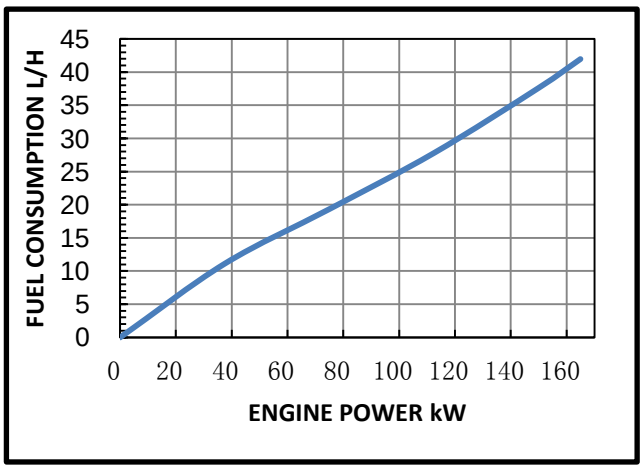
Engine Performance Date @ 1500RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	155	207	204	38
PRIME POWER				
100	140	187	203	34
75	105	140	202	26
50	70	93	207	17
25	35	47	231	10
CONTINUOUS POWER				



Engine Performance Date @ 1800RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	165	220	211	42
PRIME POWER				
100	150	200	208	38
75	112.5	150	205	28
50	75	100	214	19
25	37.5	50	246	11
CONTINUOUS POWER				



Curves shown above represent gross engine performance capabilities obtained and corrected in accordance with GB/T18297 conditions of 100kPa (29.53 in. Hg) barometric pressure , 25°C (77°F) inlet air temperature, and 1 kPa (0.30 in. Hg) water vapor pressure with No.0 diesel fuel. The engine may be operated without changing the fuel setting up to 1600 m (5250ft.) altitude.