Generator Engine Performance Data	Basic Engine Model:	FR92516 @ 1500 RPM&1800 RPM FR92996 @ 1500 RPM&1800 RPM		
DONGFENG CUMMINS ENGINE Co.,LTD Xiangfan, Hubei Province, China http://www.dcec.com.cn	**6LTAA8.9-G2** **FR97170**	**Configuration** **D563015GX03**	**CPL Code** **CPL: 3079**	**Revision** **2020/5/15**

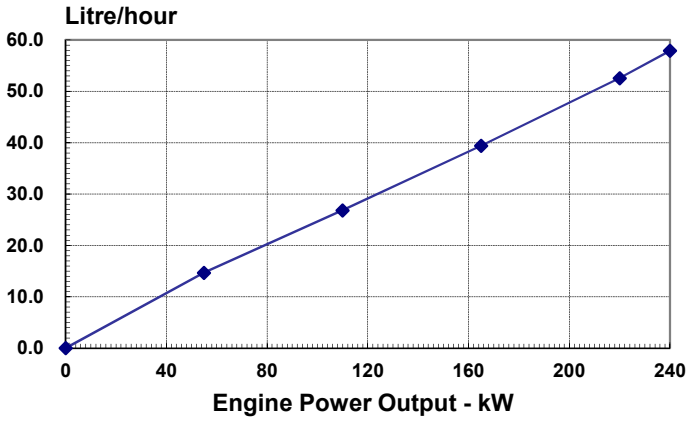
Compression Ratio:	**16.6:1**	Aspiration:	**Charge Air Cooled**
Bore:	**114 mm**	Displacement:	**8.9 L**
Storke:	**145 mm**	No. of Cylinders:	**6**
Emission Certification:		Fuel System:	**FR92516:BYC P7100/GAC Electronic Gov** **FR92996:BYC P7100/SEGMA Electronic Gov**
Governor Regulation:	**⩽3%**		

All data is based on the engine operating with fuel system, water pump, and 14.8 in H_2O (3.7 kPa) inlet air restriction with 5.98 in (152mm) inner diameter, and with 2.95 in Hg (10 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	240	322	220	295	180	241
1800	258	346	235	315	190	255

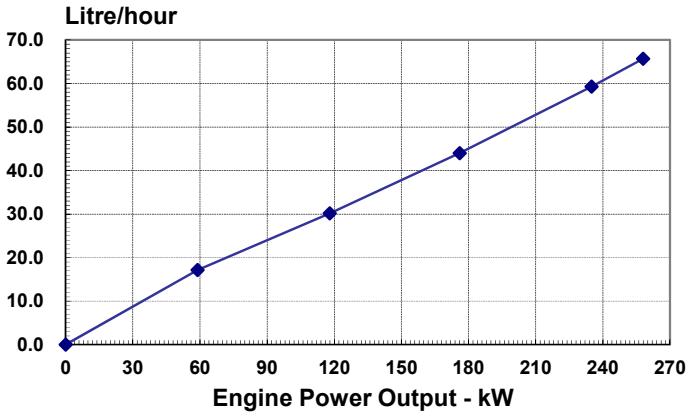
Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	240	322	199	58.0
PRIME POWER				
100	220	295	197	53.0
75	165	221	197	39.0
50	110	147	201	27.0
25	55	74	220	15.0
CONTINUOUS POWER				
100	180	241	196	43



Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	258	346	210	66.0
PRIME POWER				
100	235	315	208	59.0
75	176	236	206	44.0
50	118	157	211	30.0
25	59	79	240	17.0
CONTINUOUS POWER				
100	190	255	206	47



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.