



Generator Engine Performance Data
DONGFENG CUMMINS ENGINE Co.,LTD
Xiangfan, Hubei Province, China
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Basic Engine Model:
4B3.9-G2
FR93762

FR93762 @ 1500 RPM &1800RPM

Configuration	CPL Code	Revision
D381004GX02	CPL: 3114	2013/4/15

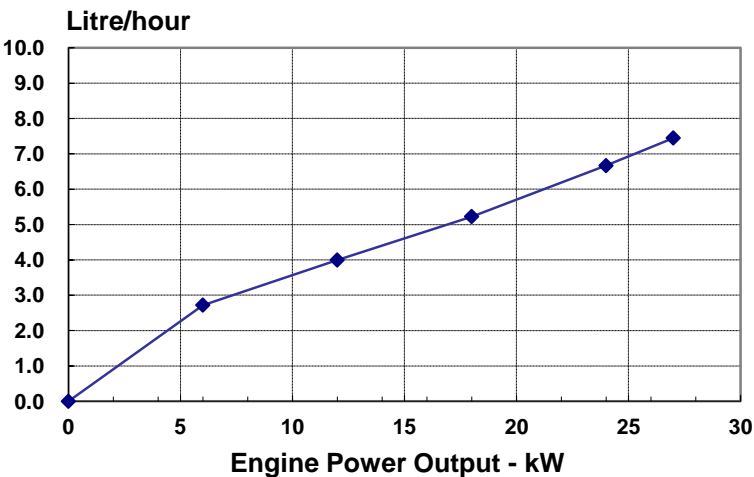
Compression Ratio:	18.0:1	Aspiration:	Naturally Aspirated
Bore:	102 mm	Displacement:	3.9 L
Stroke:	120 mm	No. of Cylinders:	4
Emission Certification:		Fuel System:	BYC A/Electronic Governor
Governor Regulation:	≤5%		

All data is based on the engine operating with fuel system, water pump, and 14.8 in H₂O (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	27	36	24	32		
1800	33	44	30	40		

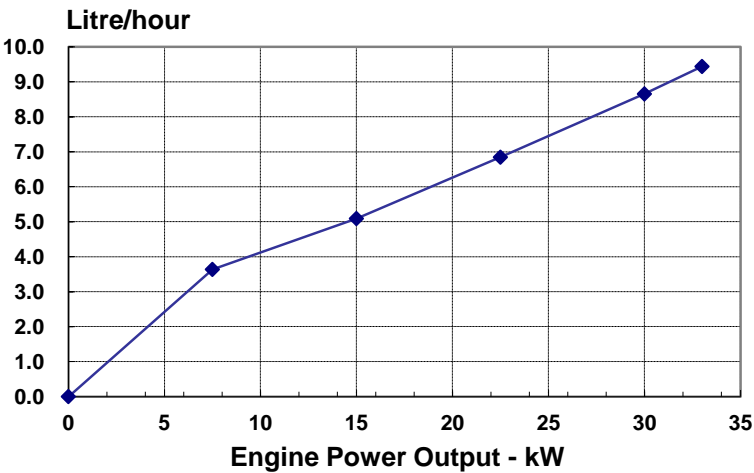
Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	27	36	227.664	7.5
PRIME POWER				
100	24	32	229	6.7
75	18	24	240	5.2
50	12	16	275	3.9
25	6	8	374	2.7
CONTINUOUS POWER				



Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	33	44	236	9.4
PRIME POWER				
100	30	40	238	8.6
75	22.5	30	251	6.8
50	15	20	280	5.0
25	7.5	10	400	3.6
CONTINUOUS POWER				



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.