



## Generator Engine Performance Data

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Basic Engine Model:

**4B3.9-G12**

**FR96598**

**FR96598 @ 1500 RPM &1800RPM**

Configuration

**D381004GX02**

CPL Code

**CPL: 5357**

Revision

**2018/5/15**

Compression Ratio: **18.0:1**  
Bore: **102 mm**  
Stroke: **120 mm**  
Emission Certification:  
Governor Regulation: **≤3%**

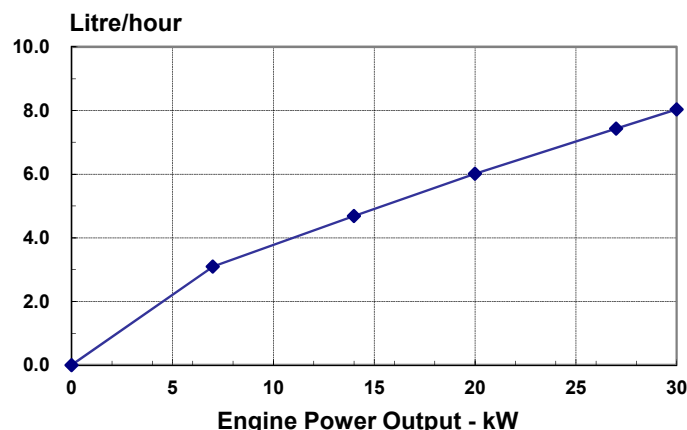
Aspiration: **Naturally Aspirated**  
Displacement: **3.9 L**  
No. of Cylinders: **4**  
Fuel System: **WF A/Electronic Governor**

All data is based on the engine operating with fuel system, water pump, and 14.8 in H<sub>2</sub>O (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	30	40	27	36	TBD	TBD
1800	36	48	33	44	TBD	TBD

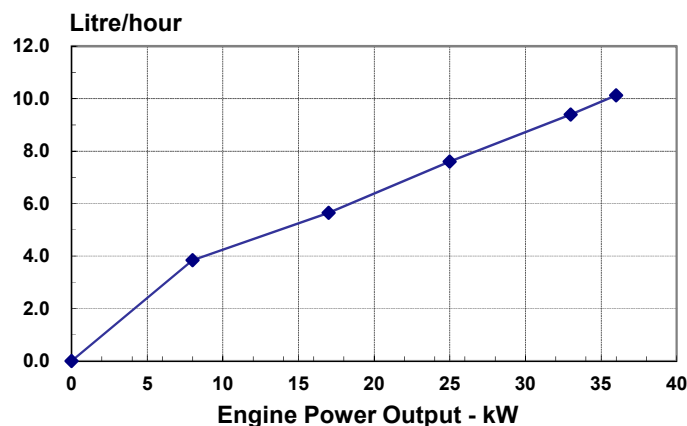
### Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	30	41	221	8.0
PRIME POWER				
100	27	37	227	7.4
75	20	28	248	6.1
50	14	18	276	4.5
25	7	9	365	3.0
CONTINUOUS POWER				
TBD	TBD	TBD	TBD	TBD



### Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	36	49	232	10.1
PRIME POWER				
100	33	45	235	9.4
75	25	34	251	7.5
50	17	22	274	5.5
25	8	11	396	4.0
CONTINUOUS POWER				
TBD	TBD	TBD	TBD	TBD



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.