



Generator Engine Performance Data

DONGFENG CUMMINS ENGINE Co.,LTD

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Basic Engine Model:

4BTA3.9-G2

FR92625

FR92668

FR92625 @ 1500 RPM &1800RPM

FR92668 @ 1500 RPM &1800RPM

Configuration

D383030DX02

CPL Code

CPL: 3145

Revision

2020/5/15

Compression Ratio:	17.3:1	Aspiration:	Jacket water Aftercooled
Bore:	102 mm	Displacement:	3.9 L
Stroke:	120 mm	No. of Cylinders:	4
Emission Certification:		Fuel System:	FR92625:BYC PB/GAC 24V Electronic Gov
Governor Regulation:	≤3%		FR92668:BYC PB/GAC 12V Electronic Gov

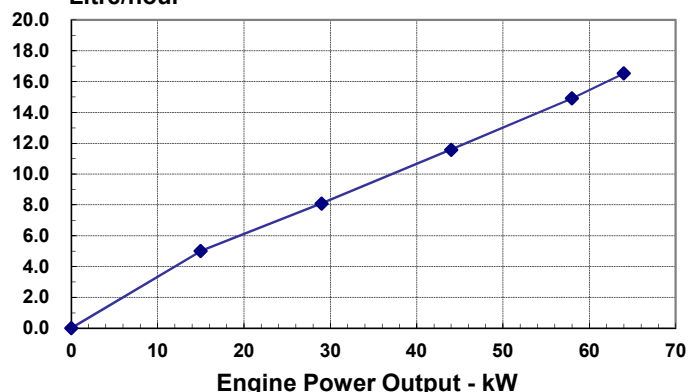
All data is based on the engine operating with fuel system, water pump, and 14.8 in H₂O (3.7 kPa) inlet air restriction with 5.98 in (152mm) inner diameter, and with 2.95 in Hg (10 kPa) exhaust restriction with 4.02 in (102 mm) inner diameter; not included are alternator, fan, optional equipment and 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	64	86	58	78	TBD	TBD
1800	74	99	67	90	TBD	TBD

Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	64	86	213	16.5
PRIME POWER				
100	58	78	212	14.9
75	44	58	217	11.4
50	29	39	230	8.1
25	15	19	275	4.8
CONTINUOUS POWER				
TBD	TBD	TBD	TBD	TBD

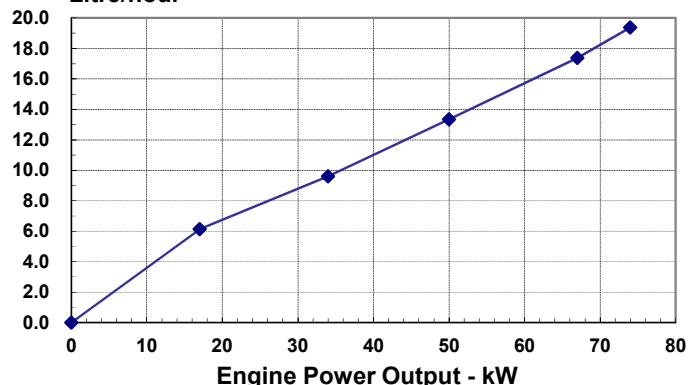
Litre/hour



Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	74	99	216	19.4
PRIME POWER				
100	67	90	214	17.4
75	50	67	220	13.4
50	34	45	233	9.5
25	17	22	298	6.1
CONTINUOUS POWER				
TBD	TBD	TBD	TBD	TBD

Litre/hour



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.