CCEC	CHONGQING CUMMINS ENGINE COMPANY Ltd. ENGINE PERFORMANCE CURVE	Basic Engine Model: **NTA855-G3** Engine Critical Parts List: **CPL: 1436**	Curve Number: **C-4495** Date: **06Jan2004**	Page No. 1

Displacement : **14.0** litre (**855** in^3)	Bore : **140** mm (**5.5** in.) Stroke : **152** mm (**6.0** in.)
No. of Cylinders : **6**	Aspiration : **Turbocharged and Aftercooled**

Engine Speed	Standby Power		Prime Power		Continuous Power	
RPM	kWm	BHP	kWm	BHP	kWm	BHP
1500	-----	-----	-----	-----	-----	-----
1800	399	535	358	480	280	375

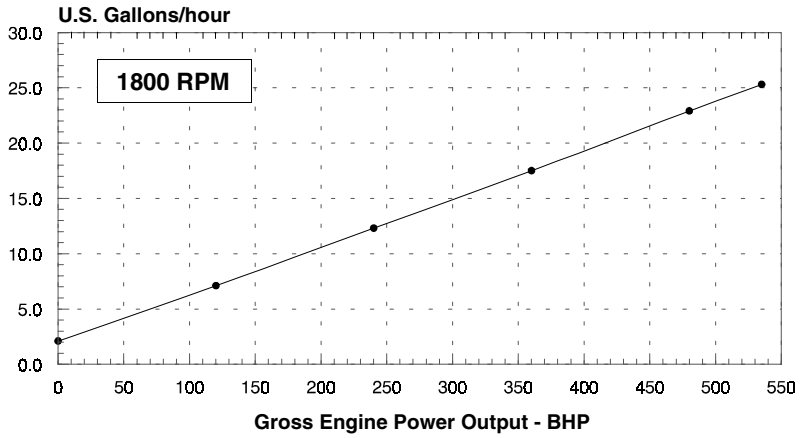
Engine Performance Data @ 1500 RPM

Not Available at 1500 RPM

Not Available at 1500 RPM

Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION			
%	kWm	BHP	kg/ kWm·h	lb/ BHP·h	litre/ hour	U.S. Gal/ hour
STANDBY POWER						
100	399	535	0.205	0.336	96	25.3
PRIME POWER						
100	358	480	0.207	0.339	87	22.9
75	269	360	0.209	0.345	66	17.5
50	179	240	0.223	0.384	47	12.3
25	90	120	0.255	0.420	27	7.1
CONTINUOUS POWER						
100	280	375	0.208	0.344	69	18.2



CONVERSIONS: (Litres = U.S. Gal x 3.785) (Engine kWm = BHP x 0.746) (U.S. Gal = Litres x 0.2642) (Engine BHP = Engine kWm x 1.34)

Data shown above represent gross engine performance capabilities obtained and corrected in accordance with ISO-3046 conditions of 100 kPa (29.53 in Hg) barometric pressure [110 m (361 ft) altitude], 25 °C (77 °F) air inlet temperature, and relative humidity of 30% with No.2 diesel or a fuel corresponding to ASTM D2.

See reverse side for application rating guidelines.

The fuel consumption data is based on No. 2 diesel fuel weight at 0.85 kg/litre (7.1 lbs/U.S. gal).

Power output curves are based on the engine operating with fuel system, water pump and lubricating oil pump; not included are battery charging alternator, fan, optional equipment and driven components.

TECHNICAL DATA DEPT. **CERTIFIED WITHIN 5%** **CHIEF ENGINEER**