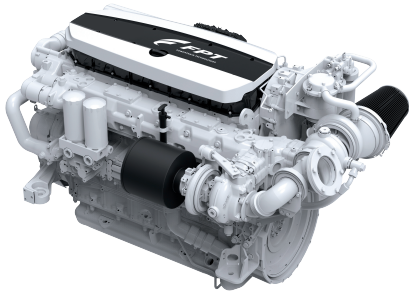


CURSOR 13

825 Rated at 825 Mhp @ 2400



SPECIFICATIONS

Type	Diesel 4 Stroke
Configuration	Inline 6 Cylinder
Air Handling	Turbocharged Air Cooled
Bore X stroke	135 x 150 mm
Displacement	12.88 L
Compression Ratio	15.5 : 1
Valves per Cylinder	4
Rotation	CCW
Fuel System	EUI
Cylinder Head Material	Cast
Over Head Camshaft	Heat Treated Steel
Piston	Aluminum Double Lip Re-entrant
Moment of Inertia	.4845 kg/m ²
Temperature Regulation	72-80C
Cold Start Aid	Yes

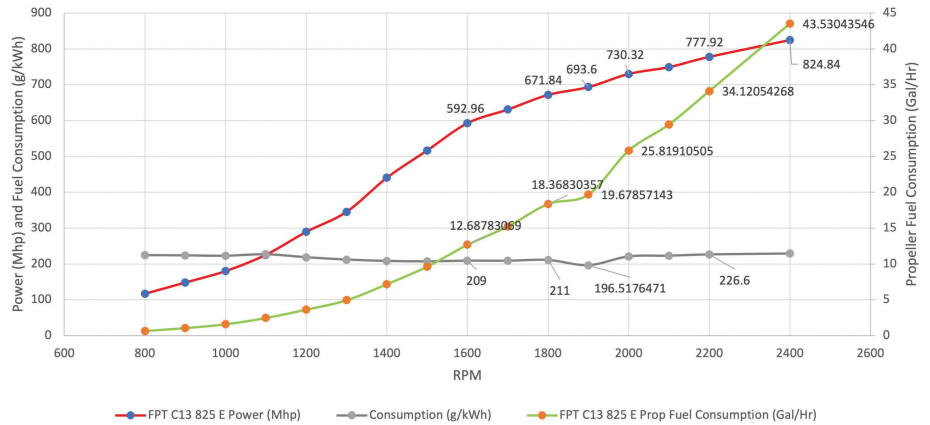
RATINGS

825 Mhp @ 2400	1950 ft/lbs @ 1650 RPM
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STANDARD CONFIGURATION

Emissions Level	IMO 2
Flywheel SAE1	14"
Flywheel Housing	Aluminum
Flywheel Housing	SAE 1
Oil Sump	Aluminum 10 Degree Static
Voltage	24v
Alternator	90A
Starter	5.5 kW
Dimensions LxWxH	57.7" x 39.4" x 42"
Weight Dry	3075 lbs
Weight Wet	3330 lbs

FPT C13 825 E Performance



C13 825 Mhp — RATING A1 - 607 kW

Engine Speed (rpm)	Peak Power (Mhp)	Propeller Power (Mhp)	Torque (ft/lbs)	Propeller Fuel Consumption (gal/hr)	Consumption (g/kWh)
800	117.0	13.0	767.8	0.7	224.6
900	148.2	20.8	865.1	1.1	223.9
1000	180.2	31.3	946.4	1.6	222.9
1100	225.8	47.4	1077.9	2.5	227.0
1200	289.7	72.4	1267.8	3.6	218.7
1300	345.4	101.4	1395.6	5.0	212.2
1400	440.6	149.9	1653.0	7.2	208.3
1500	516.8	201.9	1809.5	9.6	207.2
1600	593.0	263.5	1946.4	12.7	209.0
1700	631.0	316.6	1949.5	15.2	208.9
1800	671.8	377.9	1960.3	18.4	211.0
1900	693.6	434.7	1917.3	19.7	196.5
2000	730.3	507.2	1978.8	25.8	221.0
2100	749.4	573.7	1874.1	29.5	223.0
2200	777.9	653.7	1857.1	34.1	226.6
2400	824.8	824.8	1805.0	43.5	229.1

= Range of highest engine efficiency

Stauffer Diesel Inc.
 34 Stauffer Lane, Ephrata, PA 17522
 www.staufferdiesel.com
Contact: Michael, Balsler
800.377.2120