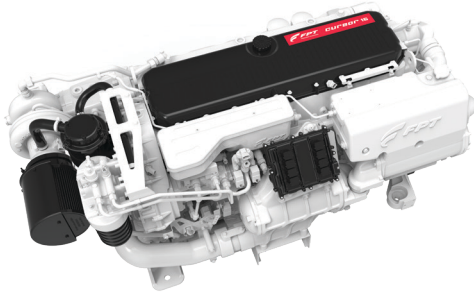


CURSOR 16

600 Rated at 500 Mhp @ 1800



SPECIFICATIONS

Type	Diesel 4 Stroke
Configuration	Inline 6 Cylinder
Air Handling	Turbocharged Air Cooled
Bore X stroke	141 x 170 mm
Displacement	15.9 L
Compression Ratio	15.5 : 1
Valves per Cylinder	4
Rotation	CCW
Fuel System	Electronic Common Rail
Cylinder Head Material	CGI
Over Head Camshaft	Heat Treated Steel
Piston	Steel Crown Dual Lip Re-entrant
Moment of Inertia	.4845 kg/m ²
Temperature Regulation	72-80C
Cold Start Aid	Yes
Cooling System	HXC and KC

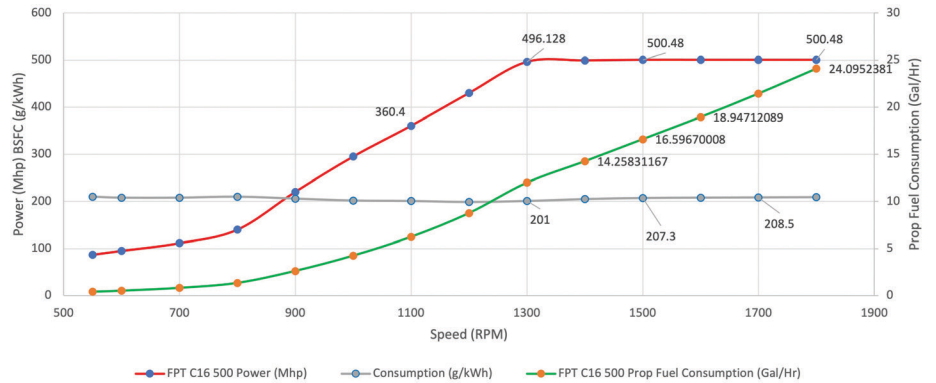
RATINGS

500 Mhp @ 1800	2004 ft/lbs @ 1300 RPM
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STANDARD CONFIGURATION

Emissions Level	EPA Tier 3
Flywheel SAE1	19"
Flywheel Housing	Cast Iron
Flywheel Housing	SAE 1
Oil Sump	Aluminum 10 Degree Static
Voltage	24v
Alternator	90A/120A
Starter	5.5 kW
Dimensions	57.7" x 44.7" x 45.7"
Weight Dry	3461 lbs
Weight Wet	3706 lbs

FPT C16 500@1800 Performance Curve



C16 500 Mhp — RATING D - 368 kW

Engine Speed (rpm)	Peak Power (Mhp)	Propeller Power (Mhp)	Torque (ft/lbs)	Propeller Fuel Consumption (gal/hr)	Consumption (g/kWh)
550	87.0	8.1	831.2	0.4	210.0
600	95.2	10.6	833.3	0.5	208.0
700	111.5	16.9	836.7	0.8	208.0
800	140.1	27.7	919.6	1.3	210.0
900	220.3	55.1	1285.7	2.6	206.0
1000	295.1	91.1	1550.0	4.2	202.0
1100	360.4	134.6	1720.7	6.2	201.0
1200	429.8	191.0	1880.9	8.8	199.0
1300	496.1	258.8	2004.4	12.0	201.0
1400	499.1	301.9	1872.4	14.3	205.0
1500	500.5	347.6	1752.3	16.6	207.3
1600	500.5	395.4	1642.8	18.9	208.0
1700	500.5	446.4	1546.2	21.4	208.5
1800	500.5	500.5	1460.3	24.1	209.0

= Range of highest engine efficiency

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