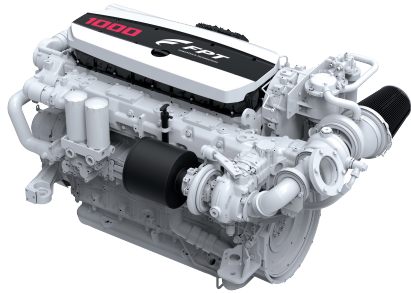


CURSOR 16

1000 Rated at 1000 Mhp @ 2300



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

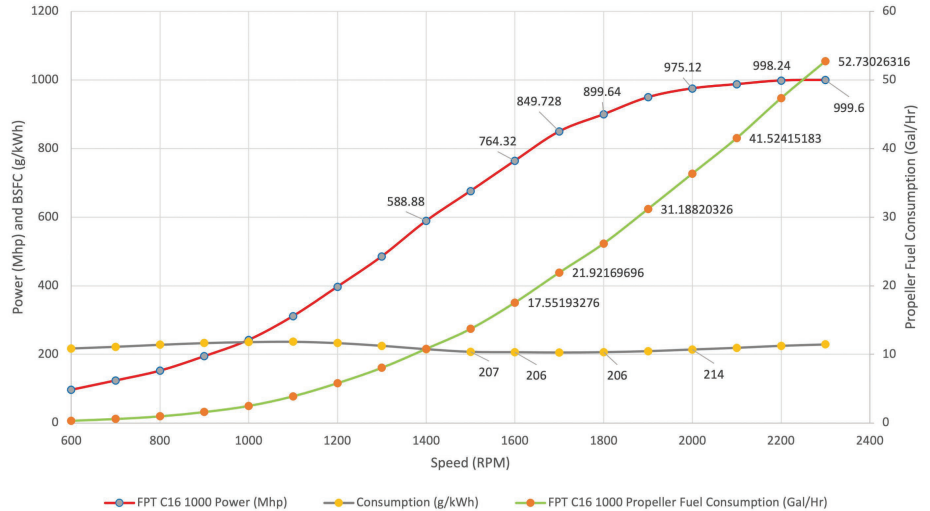
RATINGS

1000 Mhp @ 2300	2625 ft/lbs @ 1650 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	3725 lbs
Weight Wet	3968 lbs

FPT C16 1000 @ 2300 Performance Curve



C16 1000 Mhp — RATING B1 - 735 kW

Engine Speed (rpm)	Peak Power (Mhp)	Propeller Power (Mhp)	Torque (ft/lbs)	Propeller Fuel Consumption (gal/hr)	Consumption (g/kWh)
600	96.6	6.6	845.2	0.3	217
700	123.8	11.5	928.6	0.6	222
800	152.3	18.4	1000.0	1.0	228
900	194.5	29.8	1134.9	1.6	233
1000	242.1	45.8	1271.4	2.5	236
1100	311.4	71.2	1487.0	3.9	237
1200	397.1	108.1	1738.1	5.8	233
1300	485.5	155.1	1961.5	8.0	225
1400	588.9	218.2	2209.1	10.8	215
1500	675.9	287.5	2366.6	13.7	207
1600	764.3	369.9	2508.9	17.6	206
1700	849.7	464.2	2625.2	21.9	205
1800	899.6	551.0	2624.9	26.1	206
1900	949.3	647.8	2624.0	31.2	209
2000	975.1	737.3	2560.7	36.3	214
2100	987.4	823.1	2469.3	41.5	219
2200	998.2	913.3	2383.1	47.3	225
2300	999.6	999.6	2282.6	52.7	229

= Range of highest engine efficiency

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