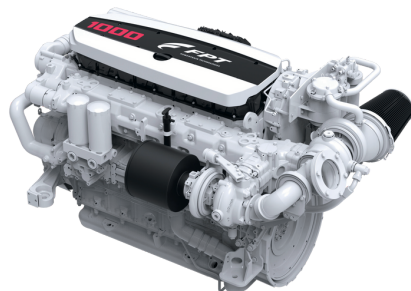


CURSOR 16

1000 Rated at 750 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
Moment of Inertia	Re-entrant .4845 kg/m2
Temperature Regulation	72-80C
Cold Start Aid	Yes
Cooling System	HXC and KC

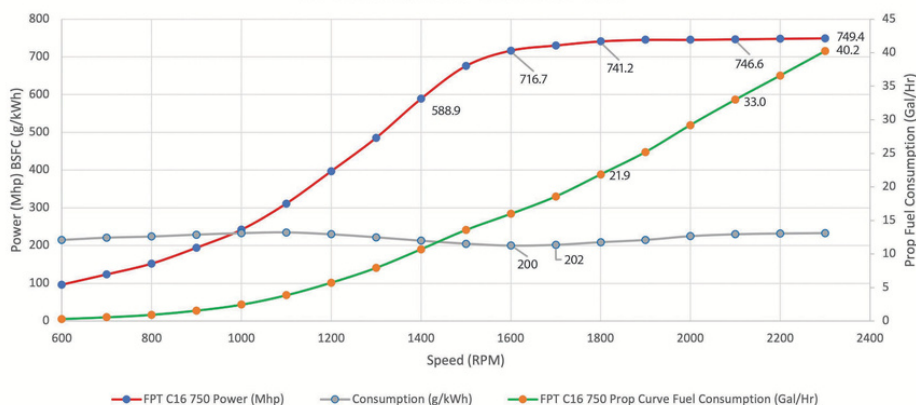
RATINGS

750 Mhp @ 2300	2366 ft/lbs @ 1500 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 750@2300 Performance Curve



C16 750 Mhp — RATING C - 551 kW

Engine Speed (r p m)	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	215
700	123.8	11.5	928.6	0.6	221
800	152.3	18.4	1000.0	1.0	224
900	194.5	29.8	1134.9	1.6	229
1000	242.1	45.8	1271.4	2.5	233
1100	311.4	71.2	1487.0	3.9	235
1200	397.1	108.1	1738.1	5.7	230
1300	485.5	155.1	1961.5	7.9	222
1400	588.9	218.2	2209.1	10.7	213
1500	675.9	287.5	2366.6	13.6	205
1600	716.7	346.8	2352.6	16.0	200
1700	730.3	399.0	2256.3	18.6	202
1800	741.2	454.0	2162.7	21.9	209
1900	745.3	508.6	2060.1	25.2	215
2000	745.3	563.5	1957.1	29.2	225
2100	746.6	622.4	1867.3	33.0	230
2200	748.0	684.4	1785.7	36.6	232
2300	749.4	749.4	1711.1	40.2	233

= Range of highest engine efficiency

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