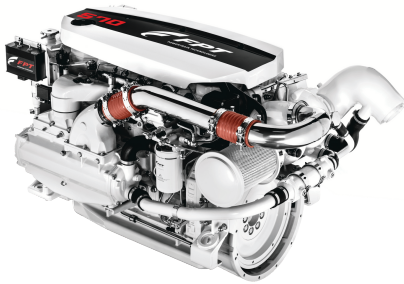


NEF 67

500EVO Rated at 500 Mhp @ 3200



SPECIFICATIONS

Type	Diesel 4 Stroke Inline 6
Configuration	Cylinder Turbocharged
Air Handling	Air Cooled 104 x 132
Bore X stroke	mm 6.7 L 15.9 : 1 4 CCW
Displacement	Electronic Common
Compression Ratio	Rail CGI Heat Treated
Valves per Cylinder	Steel
Rotation	Aluminum Double Lip
Fuel System	Re-entrant
Cylinder Head Material	.750 kg/m2
Over Head Camshaft	72-80C
Piston	Yes
Moment of Inertia	HXC
Temperature Regulation	
Cold Start Aid	
Cooling System	

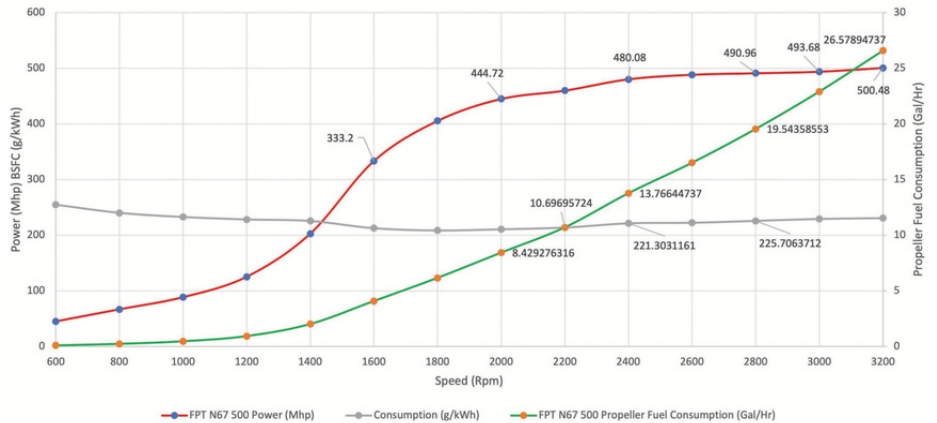
RATINGS

500 Mhp @ 3200	1184 ft/lbs @ 1750 RPM
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STANDARD CONFIGURATION

Emissions Level	EPA Tier 3
Flywheel SAE1	11"
Flywheel Housing	Aluminum
Flywheel Housing	SAE 3
Oil Sump	Aluminum 10 Degree Static
Voltage	12 and 24v
Alternator	70A and 90A
Starter	3 kW
Dimensions LxWxH	42.8" x 33.3" x 32.4"
Weight Dry	1610 lbs
Weight Wet	1670 lbs

FPT N67 500 EVO Performance



N67 500 Mhp — RATING B - 368 kW

Engine Speed (r p m)	Peak Power (Mhp)	Propeller Power (Mhp)	Torque (ft/ lbs)	Propeller Fuel Consumption (gal/ hr)	Consumption (g/kWh)
600	44.9	1.6	393	0.1	255
800	66.6	4.2	437	0.2	240
1000	88.4	8.6	464	0.5	233
1200	125.1	17.6	548	0.9	228
1400	202.6	38.8	760	2.0	226
1600	333.2	83.3	1094	4.1	213
1800	405.3	128.2	1183	6.2	209
2000	444.7	173.7	1168	8.4	211
2200	459.7	217.3	1097	10.7	214
2400	480.1	270.0	1051	13.8	221
2600	488.2	322.3	986	16.5	222
2800	491.0	375.9	921	19.5	226
3000	493.7	433.9	864	22.9	229
3200	500.5	500.5	821	26.6	231

Range of highest engine efficiency

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