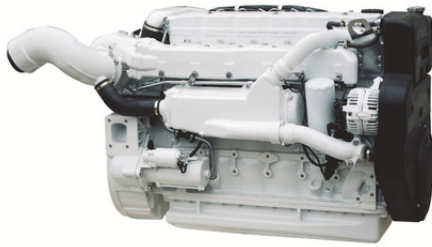


NEF 67

450N Rated at 450 Mhp @ 3000



SPECIFICATIONS

Type	Diesel 4 Stroke Inline 6
Configuration	Cylinder Turbocharged
Air Handling	Air Cooled 104 x 132
Bore X stroke	mm 6.7 L 16.5 : 1 4 CCW
Displacement	Electronic Common
Compression Ratio	Rail Cast Iron Heat
Valves per Cylinder	Treated 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	

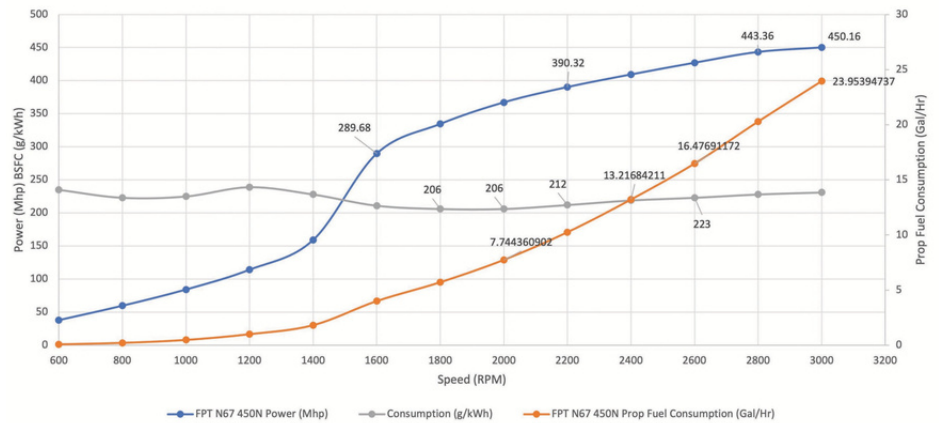
RATINGS

450 Mhp @ 3000	976 ft/lbs @ 1750 RPM
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STANDARD CONFIGURATION

Emissions Level	EPA Tier 3 11" Aluminum
Flywheel SAE1	SAE 3 Aluminum 10
Flywheel Housing	Degree Static 12 and 24v
Flywheel Housing	70A and 90A 3 kW 51" x 31"
Oil Sump	x 31" 1320 lbs 1365 lbs
Voltage	
Alternator	
Starter	
Dimensions LxWxH	
Weight Dry	
Weight Wet	

FPT N67 450N Performance Curve



N67 450 Mhp — RATING A1 - 331 kW

Engine Speed (r p m)	Peak Power (Mhp)	Propeller Power (Mhp)	Torque (ft/ lbs)	Propeller Fuel Consumption (gal/ hr)	Consumption (g/kWh)
600	38.1	1.5	333.3	0.1	235
800	59.8	4.3	392.8	0.2	223
1000	84.3	9.4	442.8	0.5	225
1200	114.2	18.3	500.0	1.0	239
1400	159.1	34.7	596.9	1.8	228
1600	289.7	82.4	950.9	4.0	211
1800	334.6	120.4	976.2	5.7	206
2000	367.2	163.2	964.3	7.7	206
2200	390.3	209.9	931.8	10.3	212
2400	409.4	262.0	895.8	13.2	219
2600	427.0	320.8	862.6	16.5	223
2800	443.4	386.2	831.6	20.3	228
3000	450.2	450.2	788.1	24.0	231

= Range of highest engine efficiency

NEWFOUNDLAND & LABRADOR

141 Glencoe Drive
Mount Pearl, NL | A1N 4S7
Phone: (709) 726-6774
Email: sales@madsonpower.ca

ONTARIO

30 Voyager Court South
Toronto, Ontario | M9W 5M7
Phone: (416) 907-3844
Email: sales@madsonpower.ca

