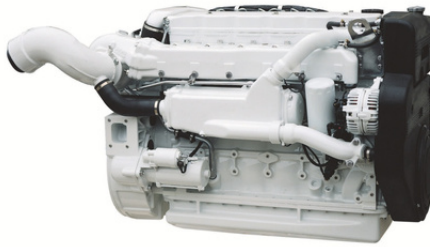


NEF 67

420N Rated at 420 Mhp @ 3000



SPECIFICATIONS

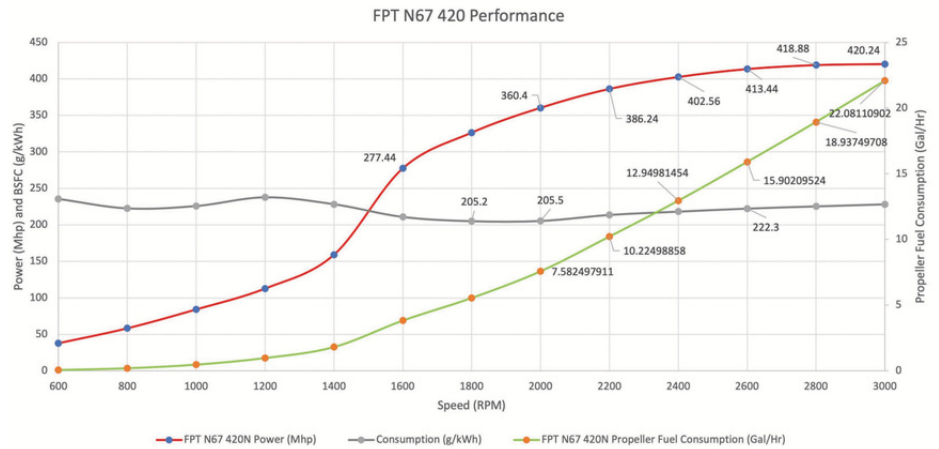
Type	Diesel 4 Stroke Inline 6
Configuration	Cylinder Turbocharged
Air Handling	Air Cooled 104 x 132
Bore X stroke	mm 6.7 L 16.5 : 1 4 CCW
Displacement	Electronic Common
Compression Ratio	Rail Cast Iron Heat
Valves per Cylinder	Treated Steel
Rotation	Aluminum Double Lip
Fuel System	Re-entrant
Cylinder Head Material	.750 kg/m2
Over Head Camshaft	72-80C
Piston	Yes
Moment of Inertia	HXC and KC
Temperature Regulation	
Cold Start Aid	
Cooling System	

RATINGS

420 Mhp @ 3000	956 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	



N67 420 Mhp — RATING B1 - 309 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	0.1	236
800	58.5	4.2	384	0.2	223
1000	84.3	9.4	443	0.5	226
1200	112.9	18.1	494	1.0	238
1400	159.1	34.7	597	1.8	228
1600	277.4	78.9	911	3.8	211
1800	326.4	117.5	952	5.6	205
2000	360.4	160.2	946	7.6	206
2200	386.2	207.7	922	10.2	214
2400	402.6	257.6	881	12.9	218
2600	413.4	310.5	835	15.9	222
2800	418.9	364.9	786	18.9	225
3000	420.2	420.2	736	22.1	228

= Range of highest engine efficiency

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