

MARINE

Pleasure

N67

N67 570 EVO

419 kW

Rating type A1:

419 kW (570 HP) @ 3000 rpm

Rating type A1:

404 kW (550 HP) @ 3000 rpm

Rating type A2:

390 kW (530 HP) @ 3000 rpm

SPECIFICATIONS

Thermodynamic cycle	Diesel 4 stroke
Air Feeding	TCA
Cylinders arrangement	6L
Bore x Stroke	millimeters 104 x 132
Total displacement	liters 6.7
Valves per cylinder	number 4
Cooling System	liquid
Direction of Rotation (viewed facing flywheel)	CCW
Engine management	by EDC (Electronic Diesel Control)
Injection System	CR

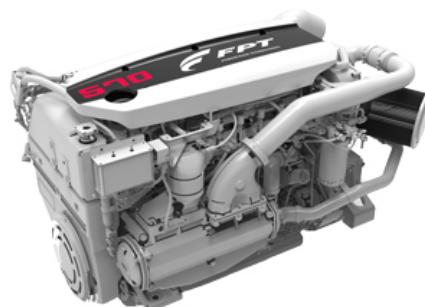
STANDARD CONFIGURATION

Flywheel housing	type	SAE 3
Flywheel size	inch	11" 1/2
Air filter		rear side
Turbocharger	Waste Gate (water cooled) - TCA	
Heat exchanger		tube type
Exhaust gas water mixer - Exhaust cooled elbow		-
Water charge tank		included
Fuel filter	number	1 - left side
Fuel prefilter		included (loose)
Fuel pump		-
Oil filter	number	1 - right side
Oil sump		aluminium
Oil vapours blowby circuit		rear
Oil heat exchanger	external heat exchanger	
Oil filler	by cylinder head cover	
Starter		12V - 3kW
Alternator		12V - 90A
Engine stop device	by electronic central unit	
Wiring harness	with negative to ground connection	
Painting color		white "ICE"

WEIGHT AND DIMENSIONS

Dimensions (L x W x H)	mm	1089 x 847 x 825
Dry Weight	Kg	721

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



PLEASURE

IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

ELECTRICAL SYSTEM

Voltage	V	12
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NOT INCLUDED IN STANDARD CONFIGURATION

Battery - minimum capacity recommended	Ah	120 Ah
Battery - minimum cold cranking capacity recommended	Ah	900 Ah

LEGEND

Arrangement	Air Handling	Turbocharger	Injection System	Exhaust System
L (in line)	TC (Turbocharged)	WG (Wastegate)	M (Mechanical)	EGR (Exhaust Gas Recirculation)
V (90° "V" configuration)	NA (Naturally Aspirated)	VG (Variable Geometry Turbocharger)	CR (Common Rail)	SCR (Selective Catalytic Reduction)
	TCA (Turbocharged with aftercooler)	TST (Twin Stage Turbocharger)	EUI (Electronic Unit Injector)	
			MPI (Multi Point Injection)	

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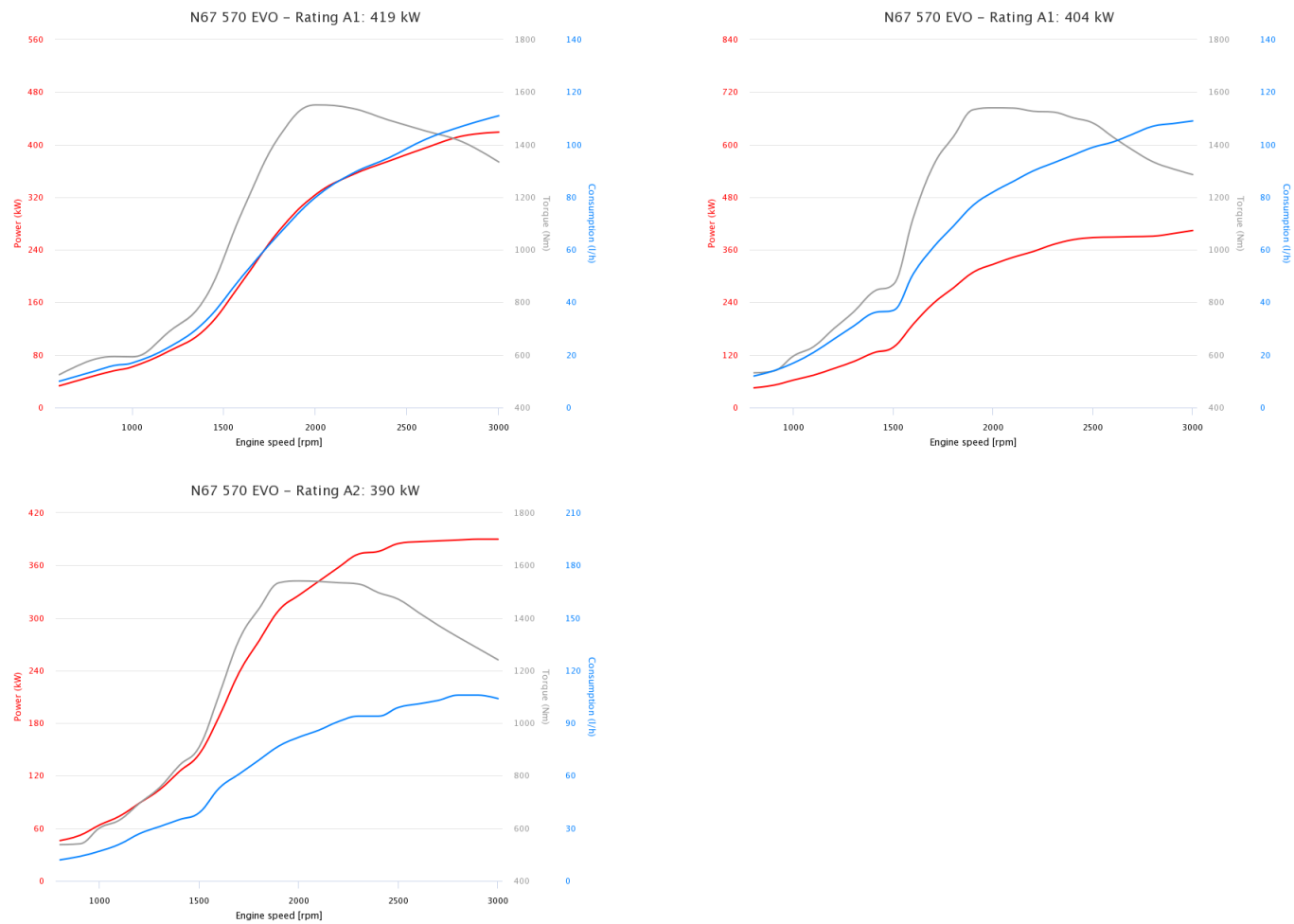
A1 High Performance Crafts. Full throttle operation restricted within 10% of total use period. Cruising speed at engine rpm <90% of rated speed setting - Maximum usage 300 hours per year.
A2/B1 Pleasure Commercial Vessels. Full throttle operation restricted within 10% of total use period. Cruising speed at engine rpm <90% of rated speed setting - Maximum usage 1000 hours per year.
B Light Duty: Full throttle operation restricted within 10% of use period. Cruising speed at engine rpm <90% of rated speed setting - Maximum usage 1500 hours per year.
C Medium Duty: Full throttle operation < 25% of use period. Cruising speed at engine rpm <90% of rated speed setting - Maximum usage 3000 hours per year.
D Heavy Duty

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SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE



RATING TYPE		A1	A1	A2
Maximum power [*]	kW (HP)	419 (570)	404 (550)	390 (530)
At speed	rpm	3000	3000	3000
Maximum no load governed speed at max rating	rpm	3150		
Minimum idling speed	rpm	600		
Mean piston speed at rated speed	m/s	14.1		
BMEP at max power	bar	25		
Specific fuel consumption (best value)	g/kWh @ rpm	223	227	225
IMO Marpol Tier 2 (IMO Annex VI Technical Code 2008)		✓	✓	✓
RCD Stage 2 (2013/53/EC)		✓	✓	✓
IWW Stage V (EU 2016/1628)		-	-	-
EPA Tier 3 Commercial		-	-	-
EPA Tier 3 Recreational		✓	✓	✓
China GB I (GB15097-2016)		-	-	-
China GB II (GB15097-2016)		-	-	-
Oil consumption at max rating	(% of fuel cons.)	<0.2	<0.2	<0.2
Minimum starting temperature without auxiliaries	°C	0°	0°	0°
Oil and oil filter maintenance interval for replacement	hours	300	300	300
* Net Power at flywheel according to ISO 8665, after 50 hours running, Fuel Diesel EN 590. Power tolerance 5%.				

POWER & TORQUE



PLEASURE

LEGEND

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