

Marine Pleasure N67

N67 550
404 kW

Rating type A1: 404 kW (550 HP) @ 3200 rpm

Rating type A2: 368 kW (500 HP) @ 3200 rpm

Rating type B: 353 kW (480 HP) @ 3200 rpm

Rating type C: - kW (- HP) @ - rpm

SPECIFICATIONS

Thermodynamic cycle	Diesel 4 stroke	
Air handling	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	ECR	

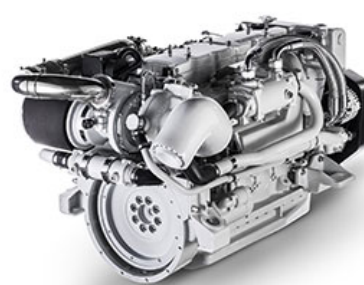
STANDARD CONFIGURATION

Flywheel housing	type	SAE 3
Flywheel size	inch	11" ½
Air filter	rear side	
Turbocharger	Waste Gate (water cooled) Turbo with Aftercooler (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	included	
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	12 V - 90 A	
Engine stop device	by electronic central unit	
Wiring harness	with negative to ground connection	
Painting color	white "ICE"	

WEIGHT AND DIMENSIONS

Dimensions	LxWxH (mm)	1089 x 850 x 825
Dry Weight	Kg	721

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



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)	TCA (Turbocharged with aftercooler)	WG (Wastegate)	M (Mechanical)	EGR (Exhaust Gas Recirculation)
V (90° "V" configuration)	TC (Turbocharged)	VGT (Variable Geometry Turbocharger)	ECR (Electronic Common Rail)	SCR (Selective Catalytic Reduction)
	NA (Naturally Aspirated)	TST (Twin Stage Turbocharger)	EUI (Electronic Unit Injector)	
			MPI (Multi Point Injection)	

- 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** 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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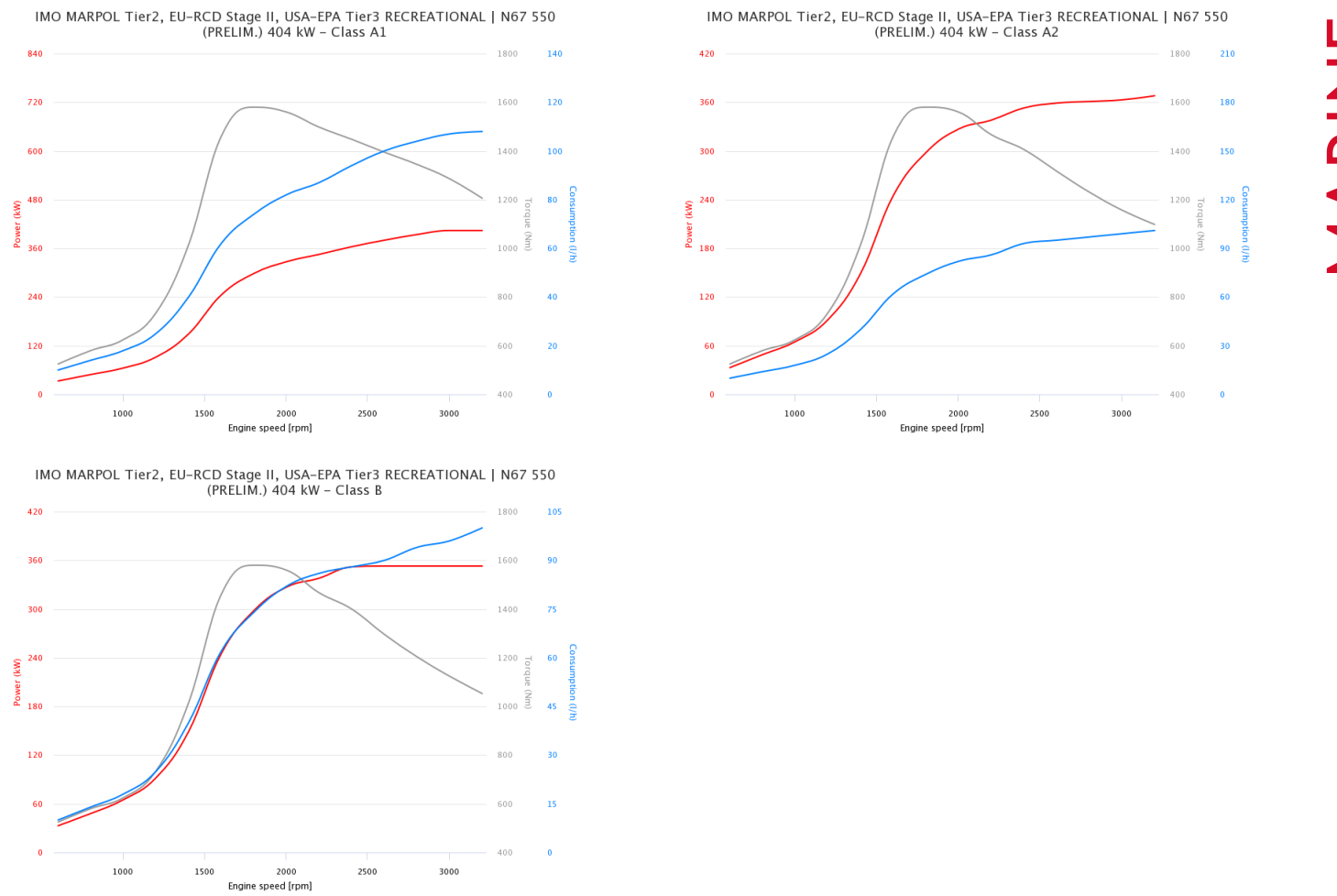
SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE



RATING TYPE		A1	A2	B	C
Maximum power [*]	kW (HP)	404 (550)	368 (500)	353 (480)	- (-)
At speed	rpm	3200	3200	3200	-
Maximum no load governed speed at max rating	rpm	3350	3350	3350	-
Minimum idling speed	rpm	600	600	600	-
Mean piston speed at rated speed	m/s	14.1	14.1	14.1	-
BMEP at max power	bar	22.3	20.5	19.8	-
Specific fuel consumption at full load (best value)	g/kWh @ rpm	230	227	226	-
Oil consumption at max rating	g/kWh @ rpm		<0.2		
Minimum starting temperature without auxiliaries	°C		0°		
Oil and oil filter maintenance interval for replacement	hours		300		

* Net Power at flywheel according to ISO 8665, after 50 hours running, Fuel Diesel EN 590. Power tolerance 5%.
Test conditions: 25 °C air temperature, 100 kPa atmospheric pressure, 30 % relative humidity .

POWER & TORQUE



Arrangement

L (in line)

V (90° "V" configuration)

Air Handling

TCA (Turbocharged with aftercooler)

TC (Turbocharged)

NA (Naturally Aspirated)

Turbocharger

WG (Wastegate)

VGT (Variable Geometry Turbocharger)

TST (Twin Stage Turbocharger)

Injection System

M (Mechanical)

ECR (Electronic Common Rail)

EUI (Electronic Unit Injector)

MPI (Multi Point Injection)

Exhaust System

EGR (Exhaust Gas Recirculation)

SCR (Selective Catalytic Reduction)

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