

MARINE

Pleasure

N67

N67 220

162 kW

Rating type A1: 162 kW (220 HP) @ 2800 rpm

SPECIFICATIONS

Thermodynamic cycle	Diesel 4 stroke
Air Feeding	TC
Cylinders arrangement	6L
Bore x Stroke	millimeters 104 x 132
Total displacement	liters 6.7
Valves per cylinder	number 2
Cooling System	liquid
Direction of Rotation (viewed facing flywheel)	CCW
Engine management	mechanical
Injection System	MPI

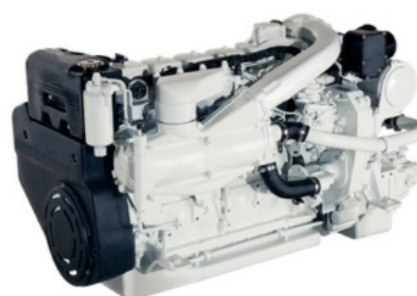
STANDARD CONFIGURATION

Flywheel housing	type	SAE 3
Flywheel size	inch	11" ½
Air filter		-
Turbocharger	Fixed Geometry (water cooled) Turbo (TC)	
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 - left side
Oil sump		aluminium
Oil vapours blowby circuit		rear
Oil heat exchanger		built in the crankcase
Oil filler		by cylinder head cover
Starter		12V - 3kW
Alternator		12 V - 90 A
Engine stop device		electrical excitation
Wiring harness		with negative to ground connection
Painting color		white "ICE"

WEIGHT AND DIMENSIONS

Dimensions (L x W x H)	mm	1072 x 749 x 800
Dry Weight	Kg	605

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

Do you want to know more?

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)	VGT (Variable Geometry Turbocharger)	CR (Common Rail)	SCR (Selective Catalytic Reduction)
	TCA (Turbocharged with aftercooler)	TST (Twin Stage Turbocharge)	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/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

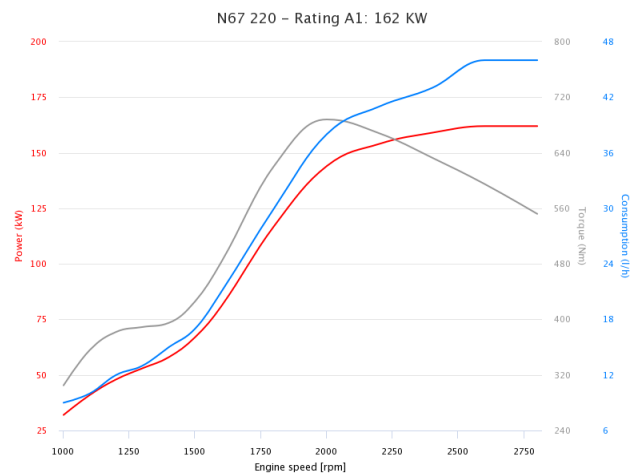
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SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE



RATING TYPE		A1
Maximum power [*]	kW (HP)	162 (220)
At speed	rpm	2800
Maximum no load governed speed at max rating	rpm	
Minimum idling speed	rpm	
Mean piston speed at rated speed	m/s	
BMEP at max power	bar	
Specific fuel consumption (best value)	g/kWh @ rpm	213 @ 1500
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.)	-
Minimum starting temperature without auxiliaries	°C	-15°
Oil and oil filter maintenance interval for replacement	hours	600
* Net Power at flywheel according to ISO 8665, after 50 hours running, Fuel Diesel EN 590. Power tolerance 5%.		

POWER & TORQUE



PLEASURE

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