MARINE Commercial N67

Rating type B1:

368 kW (500 HP) @ 3200 rpm Rating type B: 353 kW (480 HP)

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

WEIGHT AND DIMENSIONS

Dimensions (L x W x H)	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

STANDARD CONFIGURATION Flywheel housing

1 ly who can housing	type	O/ IL O
Flywheel size	inch	11" ½
Air filter		rear side
Turbocharger	Waste Ga	te (water cooled) Turbo with Aftercooler (TCA)
Heat excharger		tube type
Exhaust gas water mixer - Exhau	st 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 blow-by 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"

ELECTRICAL SYSTEM

oltage	V	12

NOT INCLUDED IN STANDARD CONFIGURATION

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

Do you want to know more?

LEGEND

SAE 3

Arrangement	Air Handling	Turbocharger	Injection System	Exhaust System
L (in line)	TC (Turbocharged)	WG (Wastegate)	M (Mechanical)	EGR (Exhaust Gas Recirculation)
	NA (Naturally Aspirated)		CR (Common Rail)	SCR (Selective Catalytic Reduction)
	TCA (Turbocharged with aftercooler)		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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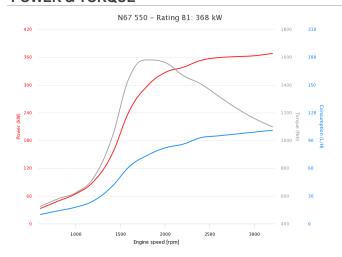
SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

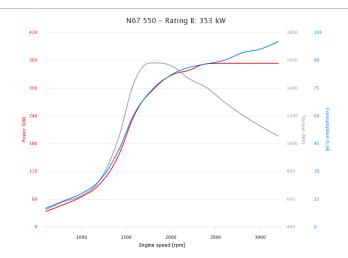




RATING TYPE		B1	В
Maximum power [*]	kW (HP)	368 (500)	353 (480)
At speed	rpm	3200	3200
Maximum no load governed speed at max rating	rpm	3350	3350
Minimum idling speed	rpm	600	600
Mean piston speed at rated speed	m/s	14.1	14.1
BMEP at max power	bar		
Specific fuel consumption (best value)	g/kWh @ rpm	227	226
IMO Marpol Tier 2 (IMO Annex VI Technical Code 2008)		✓	✓
RCD Stage 2 (2013/53/EC)		✓	✓
IWV 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
Minimum starting temperature without auxiliaries	°C	0°	0°
Oil and oil filter maintenance interval for replacement * Net Power at flywheel according to ISO 8665, after 50 ho	hours urs running, Fuel Diesel EN 590	300 D. Power tolerance 5%.	300

POWER & TORQUE





LEGEND					
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