MARINE Commercial N67

Rating type B1:
Rating type B:

368 kW (500 HP) @ 3200 rpm 353 kW (480 HP) @ 3200 rpm

SPECIFICATIONS

STANDARD CONFIGURATION

Exhaust gas water mixer - Exhaust cooled elbow

inch

Flywheel housing

Flywheel size

Turbocharger

Heat excharger

Water charge tank

Air filter

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

ELECTRICAL SYSTEM

Voltage V 12

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"

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?

Waste Gate (water cooled) Turbo with Aftercooler (TCA)

LEGEND

SAE 3

11" ½

rear side

tube type

included

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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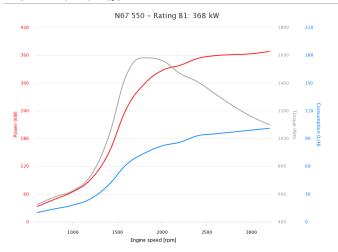


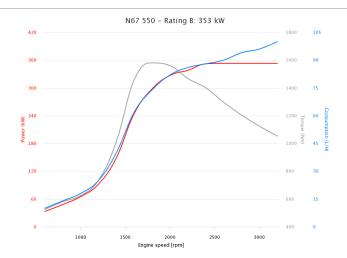
RATING TYPE		B1	В
Maximum power [*]	kW (HP)	368 (500)	353 (480)
At speed	rpm	3200	3200
Maximum no load governed speed at max rating	rpm	3350	3350
Minimum idling speed	rpm	600	600
Mean piston speed at rated speed	m/s	14.1	14.1
BMEP at max power	bar		
Specific fuel consumption (best value)	g/kWh @ rpm	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	hours	300	300

^{*} Net Power at flywheel according to ISO 8665, after 50 hours running, Fuel Diesel EN 590. Power tolerance 5%.

POWER & TORQUE

DATING TYPE





LEGEND				
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