N67 570 EVO

390 kW

Rating type B1: Rating type B:

SAE 3

390 kW (530 HP) @ 3000 rpm 357 kW (485 HP) @ 3000 rpm

SPECIFICATIONS

STANDARD CONFIGURATION

N67

Flywheel housing

MARINE

Commercial

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 847 x 825
Dry Weight	Kg	721

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



OMMERCIAL

IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

Air filter rear sic Turbocharger Waste Gate (water cooled) - TC Heat excharger tube typ Exhaust gas water mixer - Exhaust cooled elbow Water charge tank include Fuel filter number 1 - left sic Fuel prefilter included (loose Fuel pump Oil filter number 1 - right sic Oil sump aluminiu Oil vapours blow-by circuit ree Oil heat exchanger external heat exchange Oil filler by cylinder head cove Starter 12V - 3k Alternator 12V - 90 Engine stop device by electronical central ur Wiring harness with negative to ground connection	,	•	, ,	
Turbocharger Waste Gate (water cooled) - TC Heat excharger tube type Exhaust gas water mixer - Exhaust cooled elbow Water charge tank include Fuel filter number 1 - left sic Fuel prefilter included (loose Fuel pump Oil filter number 1 - right sic Oil sump aluminiu Oil vapours blow-by circuit ree Oil heat exchanger external heat exchange Oil filler by cylinder head cove Starter 12V - 3k Alternator 12V - 90 Engine stop device by electronical central ur Wiring harness with negative to ground connection	Flywheel size		inch	11" 1/2
Heat excharger Exhaust gas water mixer - Exhaust cooled elbow Water charge tank Fuel filter Inumber Fuel prefilter Included (loose Fuel pump Oil filter Inumber Inum	Air filter			rear side
Exhaust gas water mixer - Exhaust cooled elbow Water charge tank Fuel filter number 1 - left sic included (loose Fuel pump Oil filter number 1 - right sic Oil sump aluminiu Oil vapours blow-by circuit re- Oil heat exchanger Oil filler by cylinder head cow Starter Alternator Engine stop device Wiring harness included 1 - right sic included (loose 1 - left sic included (loose 1 - right sic included	Turbocharger			Waste Gate (water cooled) - TCA
Water charge tank includes Fuel filter number 1 - left sic Fuel prefilter included (loose Fuel pump Oil filter number 1 - right sic Oil sump aluminiu Oil vapours blow-by circuit re- Oil heat exchanger external heat exchange Oil filler by cylinder head cow Starter 12V - 3kl Alternator 12V - 90 Engine stop device by electronical central ur Wiring harness with negative to ground connection	Heat excharge	r		tube type
Fuel filter number 1 - left sic Fuel prefilter included (loose Fuel pump Oil filter number 1 - right sic Oil sump aluminiu Oil vapours blow-by circuit re- Oil heat exchanger external heat exchange Oil filler by cylinder head cow Starter 12V - 3k Alternator 12V - 90 Engine stop device by electronical central ur Wiring harness with negative to ground connection	Exhaust gas w	ater mixer - Exhaust	cooled elbow	-
Fuel prefilter included (loose Fuel pump Oil filter number 1 - right sid Oil sump aluminiu Oil vapours blow-by circuit red Oil heat exchanger external heat exchange Oil filler by cylinder head cove Starter 12V - 3k Alternator 12V - 90 Engine stop device by electronical central ur Wiring harness with negative to ground connection	Water charge t	ank		included
Fuel pump Oil filter number 1 - right six Oil sump aluminiu Oil vapours blow-by circuit rec Oil heat exchanger external heat exchange Oil filler by cylinder head cove Starter 12V - 3k Alternator 12V - 90 Engine stop device by electronical central ur Wiring harness with negative to ground connection	Fuel filter		number	1 - left side
Oil filter number 1 - right sic Oil sump aluminiu Oil vapours blow-by circuit rei Oil heat exchanger external heat exchange Oil filler by cylinder head cov Starter 12V - 3k Alternator 12V - 90 Engine stop device by electronical central ur Wiring harness with negative to ground connection	Fuel prefilter			included (loose)
Oil sump aluminiu Oil vapours blow-by circuit rei Oil heat exchanger external heat exchange Oil filler by cylinder head cow Starter 12V - 3kt Alternator 12V - 90 Engine stop device by electronical central ur Wiring harness with negative to ground connection	Fuel pump			-
Oil vapours blow-by circuit re. Oil heat exchanger external heat exchanger Oil filler by cylinder head cov. Starter 12V - 3k! Alternator 12V - 90 Engine stop device by electronical central ur. Wiring harness with negative to ground connection.	Oil filter		number	1 - right side
Oil heat exchanger external heat exchanger Oil filler by cylinder head cow Starter 12V - 3kt Alternator 12V - 90 Engine stop device by electronical central ur Wiring harness with negative to ground connection	Oil sump			aluminium
Oil filler by cylinder head cow Starter 12V - 3kl Alternator 12V - 90 Engine stop device by electronical central ur Wiring harness with negative to ground connection	Oil vapours blo	w-by circuit		rear
Starter 12V - 3kl Alternator 12V - 90 Engine stop device by electronical central ur Wiring harness with negative to ground connection	Oil heat excha	nger		external heat exchanger
Alternator 12V - 90 Engine stop device by electronical central ur Wiring harness with negative to ground connection	Oil filler			by cylinder head cover
Engine stop device by electronical central ur Wiring harness with negative to ground connection	Starter			12V - 3kW
Wiring harness with negative to ground connection	Alternator			12V - 90A
with regative to ground connected	Engine stop de	evice		by electronical central unit
Painting color white "ICI	Wiring harness	3		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 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)
	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

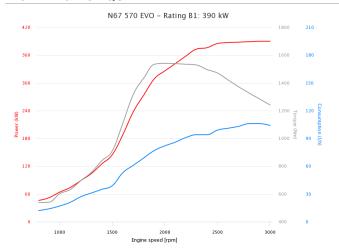




RATING TYPE		B1	В
Maximum power [*]	kW (HP)	390 (530)	357 (485)
At speed	rpm	3000	3000
Maximum no load governed speed at max rating	rpm	3150	3150
Minimum idling speed	rpm	600	600
Mean piston speed at rated speed	m/s	14.1	14.1
BMEP at max power	bar		
Specific fuel consumption (best value)	g/kWh @ rpm	225	222
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





		LEGEND		
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