Rating type D: 125 kW (170 HP) @ 2300 rpm

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 780 x 788
Dry Weight	Kg	600

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



STANDARD CONFIGURATION

Flywheel housing	type	SAE 3
Flywheel size	inch	11" ½
Air filter		rear side
Turbocharger	Waste Gate (wat	er cooled) Turbo with Aftercooler (TCA)
Heat excharger		tube type
Exhaust gas water mixer - Exhaust	cooled elbow	-
Water charge tank		included
Fuel filter	number	included
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		built in the crankcase
Oil filler		by cylinder head cover
Starter		12 V - 3 kW
Alternator		12 V - 90 A
Engine stop device		by electronic central unit
Wiring harness		with negative to ground connection
Painting color		white "ICE"

IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

ELECTRICAL SYSTEM

Voltage	V	12 V

NOT INCLUDED IN STANDARD CONFIGURATION

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

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) TST (Twin Stage Turbocharge)	CR (Common Rail)	SCR (Selective Catalytic Reduction)
	TCA (Turbocharged with aftercooler)		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

FOR INFORMATION ON THE AVAILABLE RATINGS NOT LISTED IN THIS DOCUMENT PLEASE CONTACT THE FPT INDUSTRIAL SALES NETWORK OR VISIT OUR SITE WWW.FPTINDUSTRIAL.COM

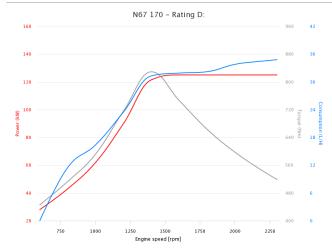
SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE





RATING TYPE		D
Maximum power [*]	kW (HP)	125 (170)
At speed	rpm	2300
Maximum no load governed speed at max rating	rpm	2450
Minimum idling speed	rpm	
Mean piston speed at rated speed	m/s	10.3
BMEP at max power	bar	
Specific fuel consumption (best value)	g/kWh @ rpm	234
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
Minimum starting temperature without auxiliaries	°C	-10°
Oil and oil filter maintenance interval for replacement	hours	600

POWER & TORQUE



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

Arrangement			
L (in line)			
V (90° "V" configuration)			

Air Handling TC (Turbocharged) NA (Naturally Aspirated)

TCA (Turbocharged with aftercooler)

Turbocharger WG (Wastegate)

VGT (Variable Geometry Turbocharger) TST (Twin Stage Turbocharge)

LEGEND

Injection System

M (Mechanical) CR (Common Rail)

EUI (Electronic Unit Injector) MPI (Multi Point Injection)

Exhaust System

EGR (Exhaust Gas Recirculation) SCR (Selective Catalytic Reduction)

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