

## 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) NA (Naturally Aspirated) TCA (Turbocharged with aftercooler)	WG (Wastegate)	M (Mechanical) CR (Common Rail) MPI (Multi Point Injection)	EGR (Exhaust Gas Recirculation) SCR (Selective Catalytic Reduction)

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](http://WWW.FPTINDUSTRIAL.COM)

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE



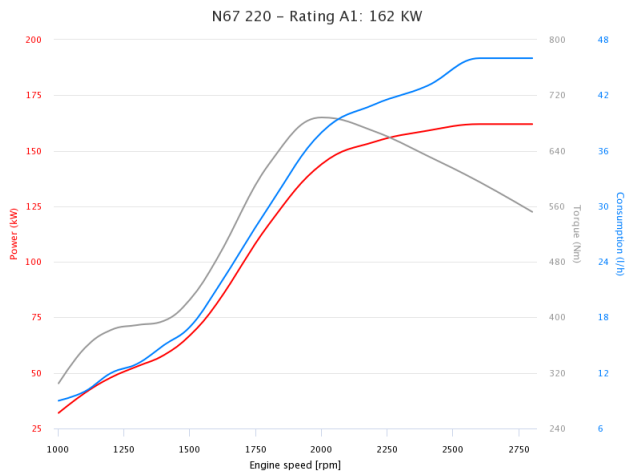
## RATING TYPE

**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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