

Specifications

Thermodynamic cycle		Diesel 4 stroke
Air intake		TAA
Arrangement		6L
Bore x Stroke	mm	117 x 135
Total displacement	l	8.7
Valves per cylinder		4
Injection system		Electronic Common Rail
Speed governor		Electronic
Cooling system		liquid (water - parafu 50%)
Flywheel housing/flywheel	type	SAE1 / 14"
Flywheel rotation		CCW
Lube oil specifications		ACEA E3-E5
Lube oil consumption		<0.2% of fuel consumption
Fuel specifications		EN 590
Oil and filters intervals for replacement	hours	600
Specific fuel consumption at:	rpm	1500
	100% load g/kWh (l/h)	215 (61)
	80% load g/kWh (l/h)	220 (55)
	50% load g/kWh (l/h)	230 (35.7)
Coolant capacity: engine only	l	~15
	engine+radiator	~63
ATB (without canopy)	°C	55
No remote cooling radiator allowed		
Lube oil total system capacity including pipes, filters etc.	l	~28
Electrical system		24Vcc
Starting batteries: recommended capacity	Ah	2 x 120
Discharge current (EN 50342)	A	540
Cold starting: without air preheating	°C	-10
	with air preheating	°C

Performances

Ratings ¹		1500 rpm	
		PRIME	STAND-BY
Rated Output ²	kWm	232	256

1) Ratings in accordance with ISO 8528. For duty at temperature over 40°C and/or altitude over 1000 meters must be considered a power derating factor. Contact the FPT sales organization.

2) Net power at flywheel available after 50 hours running with a ±3% tolerance.

PRIME POWER: The prime power is the maximum power available with varying loads for an unlimited number of hours. The average power output during a 24h period of operation must not exceed 80% of the declared prime power between the prescribed maintenance intervals and at standard environmental conditions. A 10% overload is permissible for 1 hour every 12 hours of operation.

STAND-BY POWER: The stand-by power is the maximum power available for a period of 500 hours/year with a mean load factor of 90% of the declared stand-by power. No kind of overloads is permissible for this use.

CONTINUOUS POWER: Contact the FPT sales organization.

C87 TE3F

256 kW @ 1500 rpm

Stage IIIA

Standard configuration

FPT engine C87 TE3F equipped with:

- Mounted radiator incorporating air-to-air charge cooler
- Front radiator guard
- Mounted belt driven pusher fan
- Fan guard
- Mounted air filter with replaceable cartridges
- Fuel filter
- Primary fuel filter/water separator
- Replaceable oil filter
- Electronic engine control unit
- Interface box
- WT and OP sensors for gauges
- HWT and LOP sensors
- Front engine mountings brackets
- Flywheel housing SAE1 and flywheel 14"
- Re-directable exhaust gas elbow
- Recircled oil breather system
- Oil dipstick
- 24Vdc electric system
- User's handbook

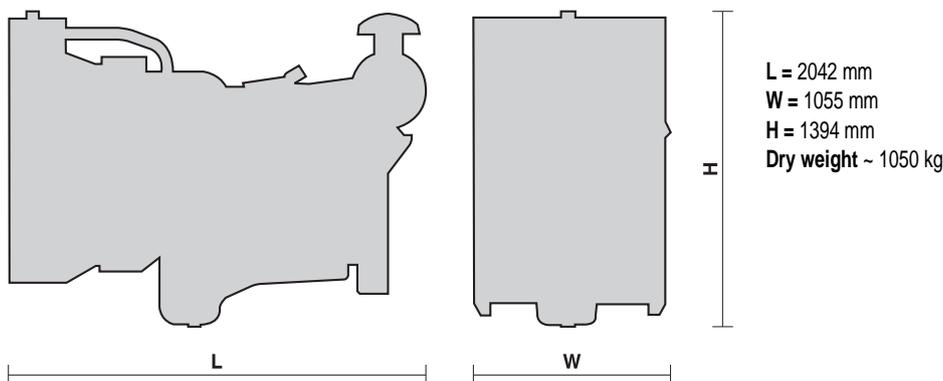
THE ENGINE IS SUPPLIED WITHOUT LIQUIDS

Optional equipment

On request the engine can be supplied with:

- 230 Volt water jacket heater
- Turbo and exhaust gas guards
- Exhaust gas flexible joint
- Low water level sensors
- Oil drain systems

Overall dimensions:



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Specifications subject to change without notice.
Illustrations may include optional equipment