N67 TE2A

193 kW @ 1500 rpm
215 kW @ 1800 rpm
Stage II

Specifications

Thermodynamic cycle		Diesel 4 stroke	
Air intake		TAA	
Arrangement		6L	
Bore x Stroke	mm	104 x 132	
Total displacement	l	6.7	
Valves per cylinder		2	
Injection system		Electronic Common Rail	
Speed governor		Electronic	
Cooling system		liquid (water - paraflu 50%)	
Flywheel housing/flywheel	type	SAE 3 / 11" 1/2	
Direction of rotation (seen from flywheel side)		CCW	
Oil specifications		ACEA E3-E5	
Oil consumption		<0.1% of fuel consumption	
Fuel specifications		EN 590	
Oil and filter maintenance interval for replacement	hours	600	
Specific fuel consumption at:	rpm	1500	1800
	100% load l/h (g/kWh)	44 (205.5)	n.a.
	80% load l/h (g/kWh)	35.3 (207)	n.a.
	50% load l/h (g/kWh)	25.6 (217.5)	n.a.
Coolant capacity: engine only	l	~11	
engine+radiator	l	~25.5	
ATB (without canopy)	°C	55	
No remote cooling radiator allowed			
Lube oil total system capacity including pipes, filters etc.	l	~17	
Electric system		12 Vcc	
Starting batteries: recommended capacity	Ah	1 x 185	
Discharge current (EN 50342)	A	1200	
Cold starting: without air preheating	°C	-10	
with air preheating	°C	-25	

Performances

Ratings[1]		1500 rpm		1800 rpm	
		PRIME	STAND-BY	PRIME	STAND-BY
Rated Output[2]	kWm	175	193	195	215

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.

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Standard configuration

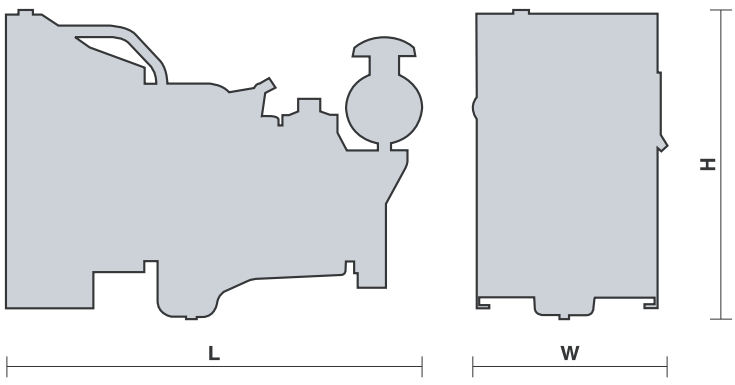
FPT engine N67 TE2A equipped with:
- Mounted radiator incorporating air-to-air charge cooler
- Front radiator guard
- Mounted belt driven pusher fan
- Fan guard
- Mounted air filter with replaceable cartridges
- Fuel filter
- Primary fuel filter/water separator
- Replaceable oil filter
- Electronic engine control unit with wiring loom and sensors
- Interface card
- Front engine mounting brackets
- Flywheel housing SAE3 and flywheel 11" 1/2
- Re-directable exhaust gas elbow
- Recirculed oil breather system
- Oil dipstick
- 12Vdc electrical system
- User's handbook

THE ENGINE IS SUPPLIED WITHOUT LIQUIDS

Optional equipment:

On request the engine can be supplied with:
- Oil drain pump
- Oil drain valve
- 120/230 Volt water jacket heater
- WT and OP sensors for gauges
- Low water level sensor
- Turbo and exhaust gas guards
- Exhaust gas flexible joint
- 24Vdc electrical system

Overall dimensions:



L = 1713 mm
W = 796 mm
H = 1230 mm
Dry weight ~ 630 kg

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

FPT POWERTRAIN TECHNOLOGIES