

N67 MNT

129 kW (175 Hp) @ 2200 rpm - 770 Nm @ 1250 rpm
TIER III / STAGE IIIA

Specifications

Thermodynamic cycle		Diesel 4 stroke - D.I.
Air intake		TAA
Arrangement		6, in line
Bore x Stroke	mm	104 x 132
Total displacement	l	6.7
Valves per cylinder	n.	2
Cooling system		liquid
Direction of rotation (viewed facing flywheel)		CCW
Compression ratio		17.5 : 1
Injection system		mechanical

Performance

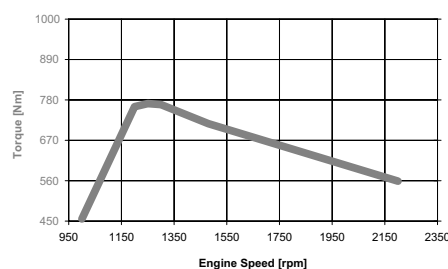
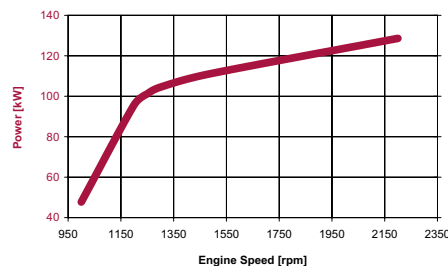
Maximum rating [*]	kW(Hp)	129 (175)
At speed	rpm	2200
Maximum torque	Nm(kgm)	770 (79)
At speed	rpm	1250
Maximum no load governed speed at max rating	rpm	2375
Minimum idling speed	rpm	800
Minimum starting temperature without auxiliaries	°C	-15
Oil and oil filter maintenance interval for replacement **	hours	600
Dry weight (standard configuration)	kg	530

FOR INFORMATION ON THE AVAILABLE RATINGS NOT LISTED IN THIS DOCUMENT PLEASE CONTACT THE FPT SALES NETWORK.

* **Power** at flywheel according to 97/68 EC (without fan), after 50 hours running, 3% tolerance, fuel Diesel EN 590.

Test conditions: ISO 3046/1, 25 °C air temperature, 100 kPa atmospheric pressure, 30 % relative humidity - Applicable also to DIN 6271, BS 5514, SAE J1349 Standards.

** Oil type: ACEA E3 - E5. .



Standard configuration

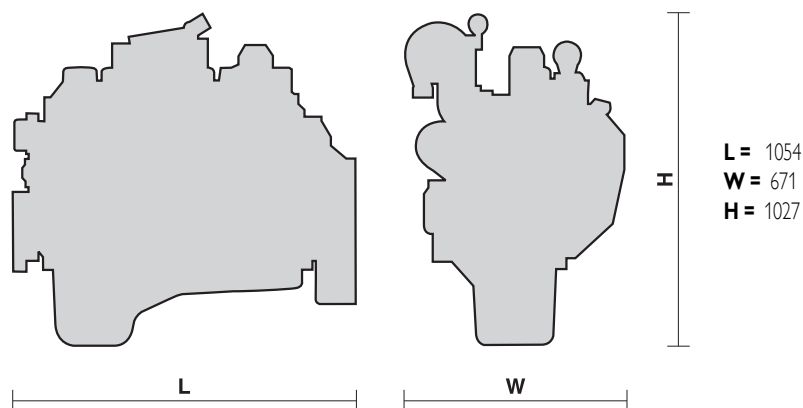
Flywheel housing	type	SAE 3 - cast iron
Flywheel size	inch	11.5
Intake manifold location		right side / rearwards
Exhaust manifold location		middle high / right side / frontwards
Turbocharger		fix geometry, waste gate controlled
Turbocharger location		middle high / right side
Fan transmission ratio		1.4 : 1
Distance between fan - crankshaft centers	mm	x = 0 ; y = 296
Fuel filter		1 - left side
Fuel prefilter		optional
Fuel pump		mechanical rotary pump
Oil filter	n.	1 - right side
Oil sump		suspended sheet steel / front sump, 35° angularity limits continuous in all directions
Oil vapours blow-by circuit		on valve cover
Oil heat exchanger		incorporated into the block
Oil filler		on valve cover
Lift pump		mechanical - left side
Starting motor		24V - 3kW
Alternator		24V - 90A with W contact
Engine stop device		incorporated in the pump
Wiring harness		-
Power take off (optional) - transmission ratio		1.03 : 1
PTO arrangement		cover plate only
Painting	color	grey

Not included in the standard configuration

Battery - minimum capacity recommended	180Ah (12V)
Battery - minimum cold cranking capacity recommended	800A (12V)

FPT OFFERS THE WIDEST AVAILABILITY OF ENGINE BUILD OPTIONS TO CUSTOMER SPECIFIC REQUIREMENTS WITHIN THE ENGINE SUPPLY. TO FIND OUT MORE ABOUT THE CONFIGURATIONS AND ACCESSORIES WHICH ARE AVAILABLE, CONTACT THE FPT SALES NETWORK.

Dimensions



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