

Specifications

Thermodynamic cycle	Diesel 4 stroke
Air intake	TAA
Arrangement	4L
Bore x Stroke	mm
Total displacement	l
Valves per cylinder	2
Cooling	liquid
Direction of rotation (viewed facing flywheel)	CCW
Compression ratio	17 : 1
Injection system	Mechanical

Performances

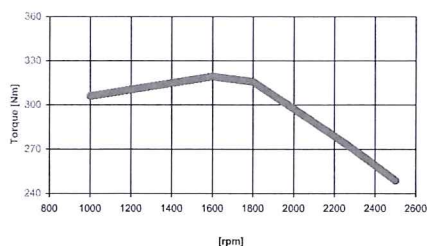
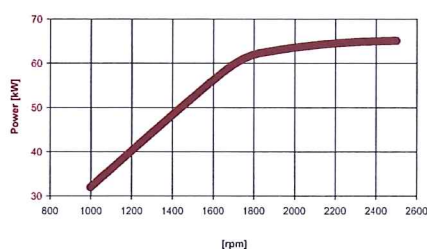
Maximum rating *	kW (HP)	65 (88)
At speed	rpm	2500
Maximum torque	Nm (kgm)	320 (33)
At speed	rpm	1400
Maximum no load governed speed at max rating	rpm	2750
Minimum idling speed	rpm	850
Minimum starting temperature without auxiliaries	°C	-12
Oil and oil filter maintenance interval for replacement **	hours	600
Dry weight (standard configuration)	kg	340

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

* Power at flywheel according to 2004/26 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

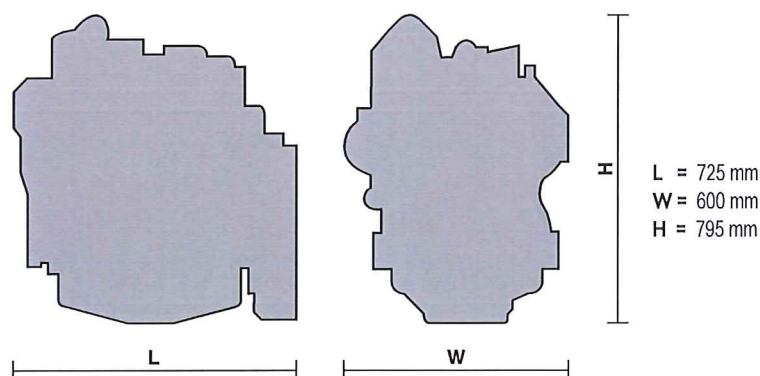
Flywheel housing	type	SAE 3 - cast iron
Flywheel size	inch	10
Intake manifold location		right side / upwards
Turbo exhaust connection		rear
Turbocharger		fixed geometry
Turbocharger location		central / right side / upwards
Fan transmission ratio		1.1 : 1
Distance between fan - crankshaft centers	mm	x = 0 , y = 296
Fuel filter	n°	single cartridge - left side
Fuel prefilter		optional
Fuel pump		mechanical rotary pump
Oil filter	n°	single cartridge - left side
Oil sump		suspended sheet steel / front sump, 35° angularity limits continuous in all directions
Oil vapours blow-by circuit		on valve cover (timing cover)
Oil heat exchanger		incorporated into the block
Oil filler		on valve cover on timing cover -1° C
Lift pump		mechanical - left side
Starting motor		12 V - 3 kW
Alternator		12 V - 90 A with W contact
Electrostop		incorporated in the pump
Wiring harness		-
Power take off (optional) - transmission ratio		1.09 : 1
PTO maximum available torque	DIN 4 / SAE B	SAE A / SAE B 140 Nm
Painting	color	grey

Not included in the standard configuration

Battery - minimum capacity recommended	180 Ah (12 V)
Battery - minimum cold cranking capacity recommended	950 A (12 V)

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.