

Specifications

Thermodynamic cycle		Diesel 4 stroke
Air intake		TC
Arrangement		6L
Bore x Stroke	mm	135 x 150
Total displacement	l	12.88
Valves per cylinder	n.	4
Cooling system		liquid
Direction of rotation (viewed facing flywheel)		CCW
Engine management		electronic
Injection system		Electronic Unit Injector (E.U.I.)

Electrical system

Voltage	V	24
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Standard configuration

Flywheel housing	type	SAE 1
Flywheel size	inch	14
Air filter		rear side
Turbocharger		Fixed Geometry (water cooled) Turbo (TC)
Heat exchanger		tube type
Exhaust gas - water mixer		-
Water charge tank		included
Fuel filter	n.	2 - right side
Fuel prefilter		1 - (supplied loose)
Fuel pump		gear driven
Oil filter	n.	2 - left side
Oil sump		aluminium
Oil vapours blow-by circuit		included
Oil heat exchanger		included
Oil filler		on timing cover
Starting motor		24V - 5.5kW
Alternator		24V - 90A
Engine stop device		by electronic central unit
Wiring harness		with EDC (Electronic Diesel Control)
Painting	color	white "ICE"

Not included in the standard configuration

Battery - minimum capacity recommended	2 x 180 Ah
Battery - minimum cold cranking capacity recommended	1200 A

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.

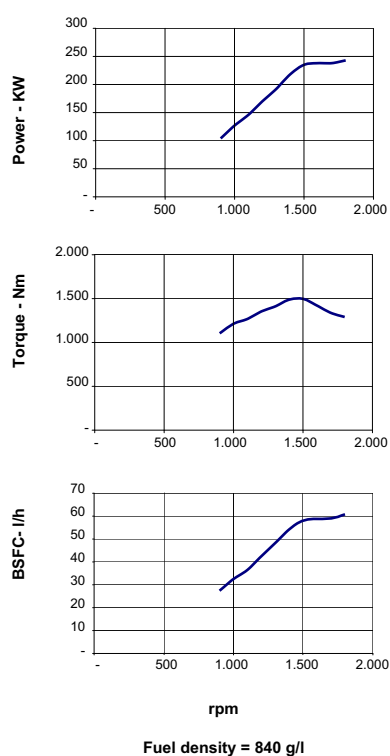
Rating type

D

Maximum power [*]	kW(HP)	243 (330)
At speed	rpm	1800
Maximum no load governed speed at max rating	rpm	1975
Minimum idling speed	rpm	600
Mean piston speed at rated speed	m/s	9
BMEP at max power	kg/cm ²	14.8
Specific fuel consumption at full load (best value)	g/kWh @ rpm	207 @ 1600
Oil consumption at max rating	(% of fuel cons.)	≤ 0.2
Minimum starting temperature without auxiliaries	°C	-15°
Oil and oil filter maintenance interval for replacement	hours	600

* **Net Power** at flywheel according to ISO 3046/1, after 50 hours running, Fuel Diesel EN 590. Power tolerance 5%.

Test conditions: ISO 3046/1, 25 °C air temperature, 100 kPa atmospheric pressure, 30 % relative humidity.



D = Heavy duty:

Maximum rating utilisation up to 100% of use period, for unlimited hours per year.

