

SPECIFICATIONS

Thermodynamic Cycle	Diesel 4 stroke
Air Handling	TAA
Arrangement	6L
Bore x Stroke (mm)	125 X 140
Total Displacement (l)	10.3
Valves per cylinder (n°)	4
Cooling System	liquid
Direction of Rotation (viewed facing flywheel)	CCW
Compression ratio	16.5:1
Injection System	EUI

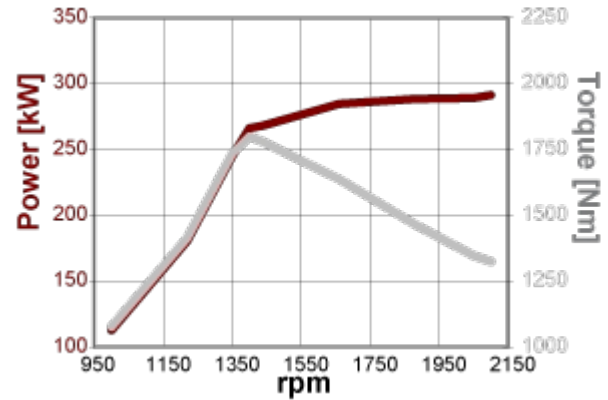
PERFORMANCE

Rated power [*] (kW (HP) @ rpm)	290 (395) @ 2100
Peak torque (Nm (kgm) @ rpm)	1800 (183) @ 1400
High idle speed (rpm)	-
Low idle speed (rpm)	--
Minimum starting temperature without auxiliaries (°C)	-15 °
Oil and oil filter maintenance interval for replacement [***] (hours)	600

STANDARD CONFIGURATION

Flywheel housing (type)	SAE 1 - aluminium
Flywheel size (inch)	14"
Intake manifold location	middle high / right side / frontwards
Exhaust manifold location	middle high / left side / backwards
Turbocharger	fixed geometry
Turbocharger location	middle / left side
Fan transmission ratio	1.25:1
Distance between fan - crankshaft centers (mm)	X = 0 Y = 225
Fuel filter (n°)	single cartridge - right side
Fuel prefilter	included, supplied loose
Fuel Pump	high pressure pump (H.P.P.)
Oil filter (n°)	dual cartridge - left side
Oil sump	suspended sheet steel / front sump
Oil vapours blow-by circuit	close case ventilation
Oil heat exchanger	incorporated into the block
Oil filler	timing cover
Lift pump	-
Starter	24 V - 5.5 kW
Alternator	24 V - 90 A
Engine stop device	by electronic control unit
Wiring harness	interface wiring loom with accessories
Painting color	grey

[*] Power at flywheel according to 2004/26 EC (without fan), after 50 hours running, 3% tolerance, fuel Diesel EN 590.
[**] Oil type: ACEA E3 - E5.



WEIGHT AND DIMENSIONS



NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)	-
PTO - transmission ratio	1.36:1
PTO - maximum available torque	SAE A 150 Nm (9 teeth ANSI B92,1) SAE B 150 Nm (13 teeth ANSI B92,1) SAE B 200 Nm (grooved - DIN 5482)
Battery - minimum capacity recommended [*] (Ah)	180 Ah (24 V)
Battery - minimum cold cranking capacity recommended [*] (A)	800 A (24 V)

Legend

Arrangement L (in line)	Air Handling TAA (Turbocharged with aftercooler) TC (Turbocharged) NA (Naturally Aspirated)	Turbocharger WG (Wastegate) VGT (Variable Geometry Turbocharger) TST (Twin Stage Turbocharger)	Injection System M (Mechanical): ECR (Electronic Common Rail) EUI (Electronic Unit Injector)	Emission Standard EEV (Enhanced Environmentally friendly Vehicle)	Exhaust System EGR (Exhaust Gas Recirculation) SCR (Selective Catalytic Reduction)
-----------------------------------	---	--	--	---	---

FOR INFORMATION ON THE AVAILABLE RATINGS NOT LISTED IN THIS DOCUMENT PLEASE CONTACT THE FPT INDUSTRIAL SALES NETWORK OR VISIT OUR SITE WWW.FPTINDUSTRIAL.COM



FPT INDUSTRIAL 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

www.fptindustrial.com

