

SPECIFICATIONS

Thermodynamic Cycle	Diesel 4 stroke
Air Handling	TC
Arrangement	4L
Bore x Stroke (mm)	99 X 104
Total Displacement (l)	3.2
Valves per cylinder (n°)	2
Cooling System	liquid
Direction of Rotation (viewed facing flywheel)	CCW
Compression ratio	17 : 1
Injection System	M

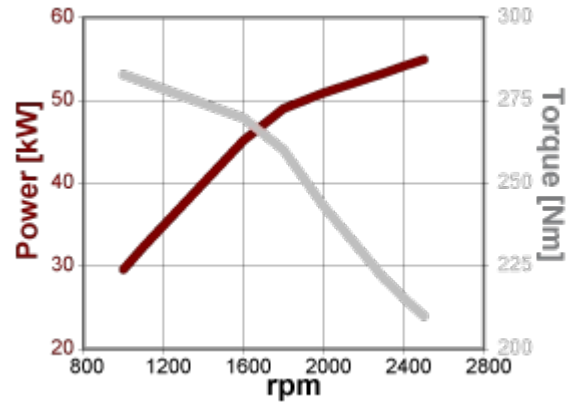
PERFORMANCE

Rated power [*] (kW (HP) @ rpm)	55 (75) @ 2500
Peak torque (Nm (kgm) @ rpm)	281 (29) @ 1250
High idle speed (rpm)	2700
Low idle speed (rpm)	± 850

Minimum starting temperature without auxiliaries (°C)	-12 °
Oil and oil filter maintenance interval for replacement [***] (hours)	600

STANDARD CONFIGURATION

Flywheel housing (type)	SAE 3 - cast iron
Flywheel size (inch)	10"
Intake manifold location	frontwards
Exhaust manifold location	right side / rear
Turbocharger	fixed geometry
Turbocharger location	front high / right side
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	-
Fuel Pump	-
Oil filter (n°)	single cartridge - left side
Oil sump	sheet steel /central sump
Oil vapours blow-by circuit	on valve cover
Oil heat exchanger	incorporated built in the crankcase
Oil filler	on valve cover
Lift pump	-
Starter	12 V - 3 kW
Alternator	12 V - 90 A with W contact
Engine stop device	-
Wiring harness	sectioning connector on engine wiring for EGR control unit
Painting color	grey RAL 7021



WEIGHT AND DIMENSIONS



NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)	-
PTO - transmission ratio	1.08 : 1
PTO - maximum available torque	DIN 4 / SAE B Max 140 Nm
Battery - minimum capacity recommended [*] (Ah)	180 Ah (12 V)
Battery - minimum cold cranking capacity recommended [*] (A)	950 A (12 V)

[*] 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.

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 Turbocharge)	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

