

SPECIFICATIONS

Thermodynamic Cycle	Diesel 4 stroke
Air Handling	TAA
Arrangement	6L
Bore x Stroke (mm)	102 X 120
Total Displacement (l)	5.9
Valves per cylinder (n°)	4
Cooling System	liquid
Direction of Rotation (viewed facing flywheel)	CCW
Compression ratio	17.5:1
Injection System	ECR

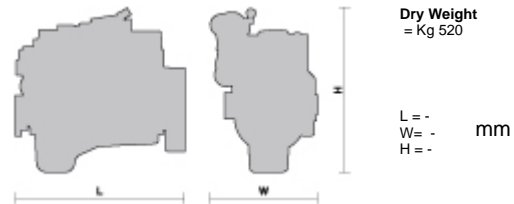
PERFORMANCE

Rated power [*] (kW (HP) @ rpm)	169 (230) @ 2300
Peak power (kW (HP) @ rpm)	-
Peak torque (Nm (kgm) @ rpm)	810 (83) @ 1250
High idle speed (rpm)	650
Low idle speed (rpm)	--
DEF[**]/AdBlue consumption at peak torque and rated power (% of fuel cons.)	-
Minimum starting temperature without auxiliaries (°C)	-25 -
Oil and oil filter maintenance interval for replacement [***] (hours)	500

STANDARD CONFIGURATION

Flywheel housing (type)	3
Flywheel size (inch)	11.5
Intake manifold location	left side/ frontward inlet
Exhaust manifold location	right side/frontward outlet
Turbocharger	waste gate controlled
Turbocharger location	high/ right side
Fan transmission ratio	1.10:1
Distance between fan - crankshaft centers (mm)	X = 0 Y = 296
Fuel filter (n°)	1- left side
Fuel prefilter	-
Fuel Pump	-
Oil filter (n°)	1- right side
Oil sump	sheet steel
Oil vapours blow-by circuit	on flywheel housing
Oil heat exchanger	built in the crankcase
Oil filler	-
Starter	24V- 4kW
Alternator	24V- 70A
Hydraulic steering pump (liters/min)	-
Maximum torque available from crankshaft pulley (Nm)	-
Engine stop device	by electronic control unit
Wiring harness	interface wiring loom with accessories
Painting color	grey

WEIGHT AND DIMENSIONS



NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)	-
PTO - transmission ratio	1.03:1
PTO - maximum available torque	SAE A 100Nm (9 teeth)
	SAE B 240Nm (13 teeth)
	-
Battery - minimum capacity recommended [*] (Ah)	130 (24V)
Battery - minimum cold cranking capacity recommended [*] (A)	500 (24V)

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

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

