

SPECIFICATIONS

Thermodynamic Cycle	Diesel 4 stroke	
Air Handling	TCA	
Arrangement	6L	
Bore x Stroke	millimeters	125 x 140
Total displacement	liters	10.3
Valves per cylinder	number	4
Cooling System	liquid	
Direction of Rotation (viewed facing flywheel)	CCW	
Compression ratio	16.5:1	
Injection System	EUI	
EGR	-	

PERFORMANCES

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 Turbo	
Turbocharger location	middle / left side	
Fan transmission ratio	1.25:1	
Distance between fan - crankshaft centers	millimeters	X=0 Y=225
Fuel filter	number	single cartridge - right side
Fuel prefilter	included, supplied loose	
Fuel Pump	high pressure pump (H.P.P.)	
Oil filter	number	dual cartridge - left side
Oil sump	suspended sheet steel / 17° angularity limits continuous in all directions	
Oil vapours blow-by circuit	close case ventilation	
Oil heat exchanger	incorporated into the block	
Oil filler	timing cover	
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	
Lift Pump	-	
Hydraulic steering pump	liters/min	-
Maximum torque available from crankshaft pulley	Nm	-

WEIGHT AND DIMENSIONS

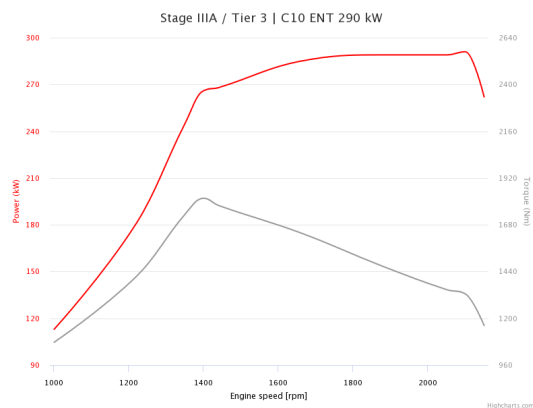
Dimensions	LxWxH (mm)	1320 x 881 x 1110
Dry Weight	Kg	950

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

POWER & TORQUE



NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)	-	
PTO - transmission ratio	1.36:1	
PTO - maximum available torque	ISI B92,1) SAE B 200 Nm (grooved - DIN 5482)	
Battery - minimum capacity recommended	Ah	180 Ah (24 V)
Battery - minimum cold cranking capacity recommended	Ah	24 V - 800 Ah

LEGEND

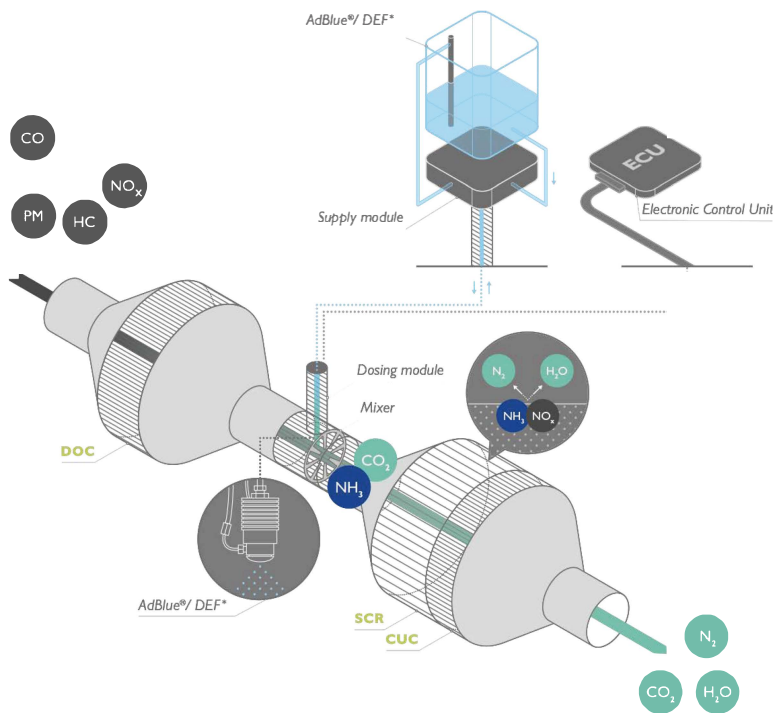
Arrangement	Air Handling	Turbocharger	Injection System	Exhaust System
L (in line)	TCA (Turbocharged with aftercooler)	WG (Wastegate)	M (Mechanical)	EGR (Exhaust Gas Recirculation)
V (90° "V" configuration)	TC (Turbocharged)	VGT (Variable Geometry Turbocharger)	ECR (Electronic Common Rail)	SCR (Selective Catalytic Reduction)
	NA (Naturally Aspirated)	TST (Twin Stage Turbocharge)	EUI (Electronic Unit Injector)	
			MPI (Multi Point Injection)	

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

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE



AFTER TREATMENT SYSTEM



ELEMENT

- 1 DIESEL OXIDATION CATALYST
- 2 ADBLUE® / DEF INJECTION
- 3 SELECTIVE CATALYTIC REDUCTION ON FILTER
- 4 CLEAN-UP CATALYST

LEGEND

PM Particulate Matter
HC unburnt Hydrocarbons
NO_x Nitrogen Oxides
CO Carbon Monoxide
N₂ Nitrogen
CO₂ Carbon Dioxide
H₂O Water
AdBlue®/ DEF = CO(NH₂)₂ + H₂O

AGRICULTURAL

LEGEND

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