

## SPECIFICATIONS

Thermodynamic Cycle	Diesel 4 stroke	
Air Handling	TCA	
Arrangement	6L	
Bore x Stroke	millimeters	141 x 170
Total displacement	liters	15.9
Valves per cylinder	number	4
Cooling System	liquid	
Direction of Rotation (viewed facing flywheel)	CCW	
Compression ratio	16.5:1	
Injection System	ECR	
EGR	-	

## PERFORMANCES

Rated power [*]	kW (HP) @ rpm	570 (775) @ 2100
Peak torque	Nm (kgm) @ rpm	3320 (338) @ 1500
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

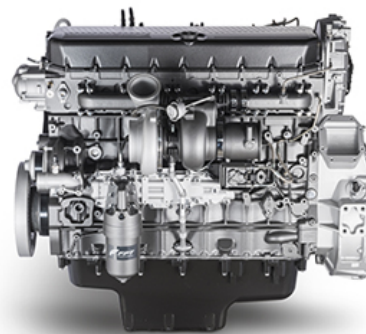
## STANDARD CONFIGURATION

Flywheel housing	type	SAE 1 - casted aluminum
Flywheel size	inch	17"
Intake manifold location	right side	
Exhaust manifold location	left side / middle flange	
Turbocharger	Waste Gate valve with exhaust flap	
Turbocharger location	middle high / left side / back exhaust	
Fan transmission ratio	-	
Distance between fan - crankshaft centers	millimeters	X=- Y=-
Fuel filter	number	gle cartridge - central right side
Fuel prefilter	-	
Fuel Pump	-	
Oil filter	number	green filter - central left side
Oil sump	Aluminum - central sump - 19° angularity limits continuous in all directions	
Oil vapours blow-by circuit	Two stage CCV - rear position	
Oil heat exchanger	oil / water engine cooler	
Oil filler	on head cover - middle position	
Starter	24V - 7.8 kW	
Alternator	24V - 120A	
Engine stop device	-	
Wiring harness	engine harness connected to ECU	
Painting color	grey	
Lift Pump	-	
Hydraulic steering pump	liters/min	-
Maximum torque available from crankshaft pulley	Nm	-

## WEIGHT AND DIMENSIONS

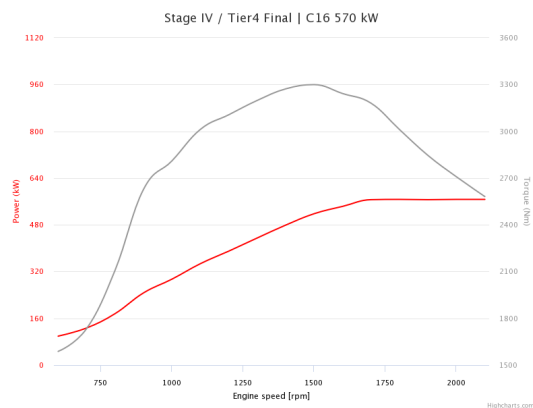
Dimensions	LxWxH (mm)	1378 x 951 x 1326
Dry Weight	Kg	1320

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)	on flywheel housing - rear, right side	
PTO - transmission ratio	-	
PTO - maximum available torque	---	
Battery - minimum capacity recommended	Ah	-
Battery - minimum cold cranking capacity recommended	Ah	-

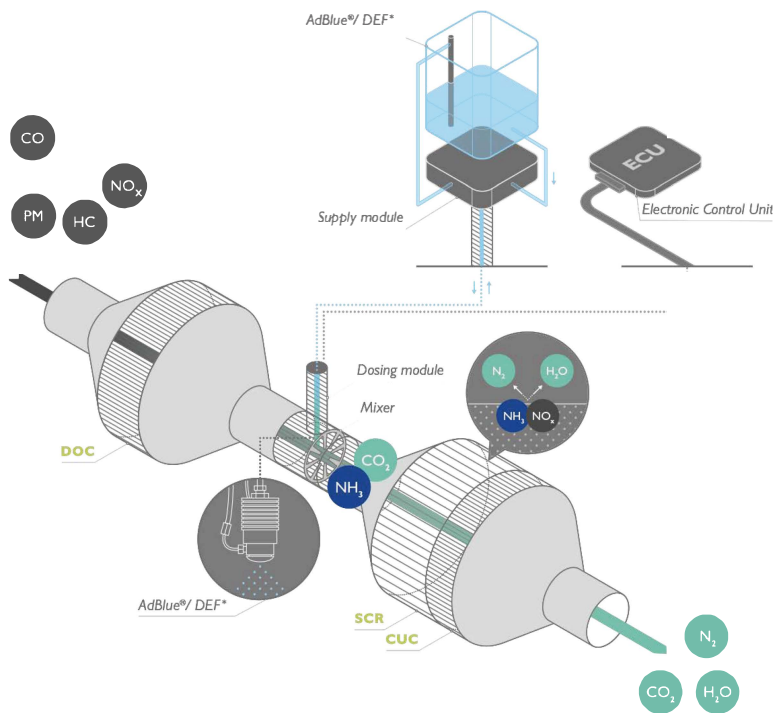
## LEGEND

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](http://WWW.FPTINDUSTRIAL.COM)

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE





**ELEMENT**

- 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<sub>x</sub> Nitrogen Oxides  
CO Carbon Monoxide  
N<sub>2</sub> Nitrogen  
CO<sub>2</sub> Carbon Dioxide  
H<sub>2</sub>O Water  
AdBlue®/ DEF = CO(NH<sub>2</sub>) + H<sub>2</sub>O

AGRICULTURAL

**LEGEND**

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