

SPECIFICATIONS

Thermodynamic Cycle	Diesel 4 stroke	
Air Handling	TCA	
Arrangement	in line	
Bore x Stroke	millimeters	117 x 135
Total displacement	liters	8.7
Valves per cylinder	number	4
Cooling System	liquid	
Direction of Rotation (viewed facing flywheel)	anti-clockwise	
Compression ratio	15.9:1	
Injection System	Direct - Electronic Common Rail	
EGR	-	

PERFORMANCES

Rated power [*]	kW (HP) @ rpm	245 (-) @ 2100
Peak torque	Nm (kgm) @ rpm	1510 (-) @ 1500
High idle speed	rpm	2100
Low idle speed	rpm	20
Minimum starting temperature without auxiliaries	°C	-°
Oil and oil filter maintenance interval for replacement	hours	-

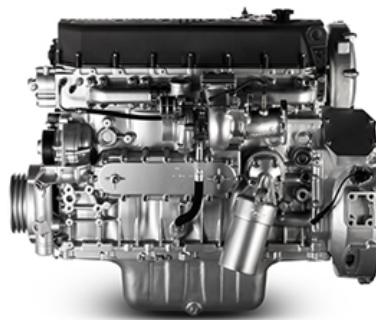
STANDARD CONFIGURATION

Flywheel housing	type	SAE 3 - cast iron
Flywheel size	inch	10"
Intake manifold location	frontwards	
Exhaust manifold location	right side / rear	
Turbocharger	-	
Turbocharger location	front high / right side	
Fan transmission ratio	1.1:1	
Distance between fan - crankshaft centers	millimeters	X=0 Y=296
Fuel filter	number	single cartridge - left side
Fuel prefilter	-	
Fuel Pump	-	
Oil filter	number	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	
Starter	12 V - 3 kW	
Alternator	12 V - 90 A with W contact	
Engine stop device	-	
Wiring harness	ector on engine wiring for EGR control unit	
Painting color	-	
Lift Pump	-	
Hydraulic steering pump	liters/min	-
Maximum torque available from crankshaft pulley	Nm	-

WEIGHT AND DIMENSIONS

Dimensions	LxWxH (mm)	- x - x -
Dry Weight	Kg	-

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)	front and side	
PTO - transmission ratio	-	
PTO - maximum available torque	---	
Battery - minimum capacity recommended	Ah	-
Battery - minimum cold cranking capacity recommended	Ah	-

LEGEND

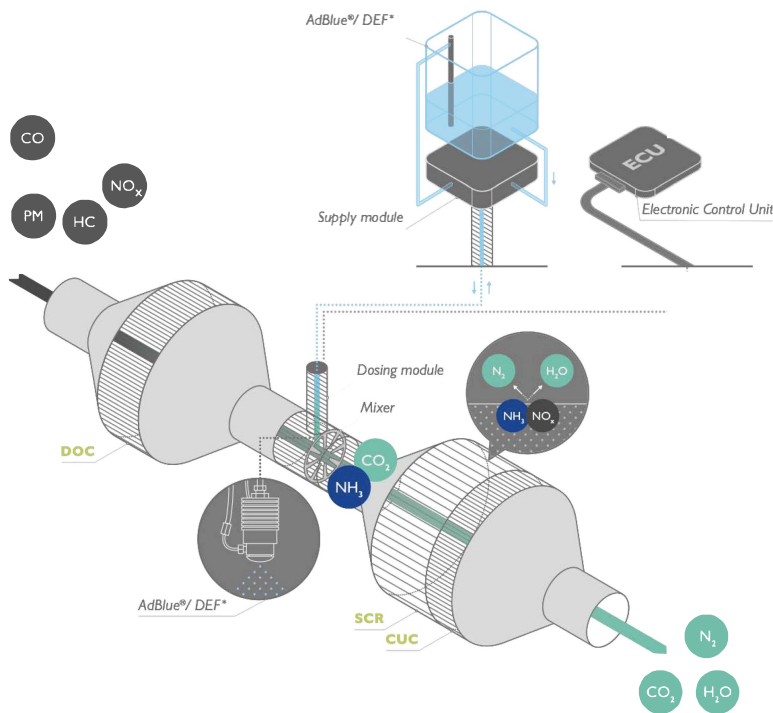
Arrangement	Air Handling	Turbocharger	Injection System	Exhaust System
L (in line)	TCA (Turbocharged with aftercooler)	WG (Wastegate)	M (Mechanical)	EGR (Exhaust Gas Recirculation)
V (90° "V" configuration)	TC (Turbocharged)	VGT (Variable Geometry Turbocharger)	ECR (Electronic Common Rail)	SCR (Selective 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

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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