Agriculture
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CURSOR 9

C87 ENT
200 kW (272 HP) @ 2100 rpm
Stage IIIA / Tier 3

AGRICULTURAL

SPECIFICATIONS

Thermodynamic Cycle		Diesel 4 stroke
Air Handling		TCA
Arrangement		6L
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)		CCW
Compression ratio		16:1
Injection System		ECR
EGR		-

PERFORMANCES

Rated power [*]	kW (HP) @ rpm	200 (272) @ 2100
Peak torque	Nm (kgm) @ rpm	1300 (133) @ 1400
High idle speed	rpm	2300
Low idle speed	rpm	800
Minimum starting temperature without auxiliaries	°C	-15°
Oil and oil filter maintenance interval for replacement	hours	600

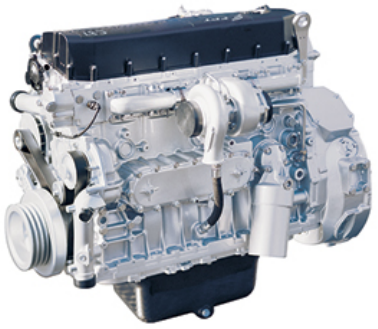
STANDARD CONFIGURATION

Flywheel housing	type	SAE 1 - cast iron
Flywheel size	inch	14"
Intake manifold location		right side / outwards
Exhaust manifold location		v-clamp / upwards
Turbocharger		Fixed Geometry Turbo
Turbocharger location		middle / left side
Fan transmission ratio		1.03:1
Distance between fan - crankshaft centers	millimeters	X=0 Y=250
Fuel filter	number	single cartridge - right side
Fuel prefilter		included, supplied loose
Fuel Pump		high pressure pump (H.P.P.)
Oil filter	number	:ological cartridge - left side
Oil sump		suspended sheet steel / 19° angularity limits continuous in all directions
Oil vapours blow-by circuit		close case ventilation
Oil heat exchanger		incorporated into the block
Oil filler		on valve cover
Starter		24V - 4.5kW
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

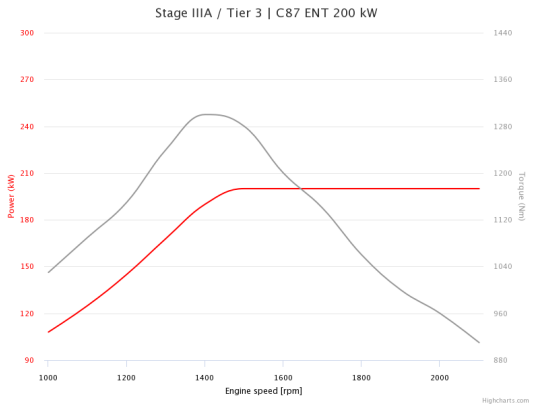
Dimensions	LxWxH (mm)	1253 x 852 x 1008
Dry Weight	Kg	865

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		1.1:1
PTO - maximum available torque		- - -
Battery - minimum capacity recommended	Ah	180 Ah (24V)
Battery - minimum cold cranking capacity recommended	Ah	24 V - 800 Ah

LEGEND

Arrangement
- L (in line)
- V (90° "V" configuration)

Air Handling
- TCA (Turbocharged with aftercooler)
- TC (Turbocharged)
- NA (Naturally Aspirated)

Turbocharger
- WG (Wastegate)
- VGT (Variable Geometry Turbocharger)
- TST (Twin Stage Turbocharge)

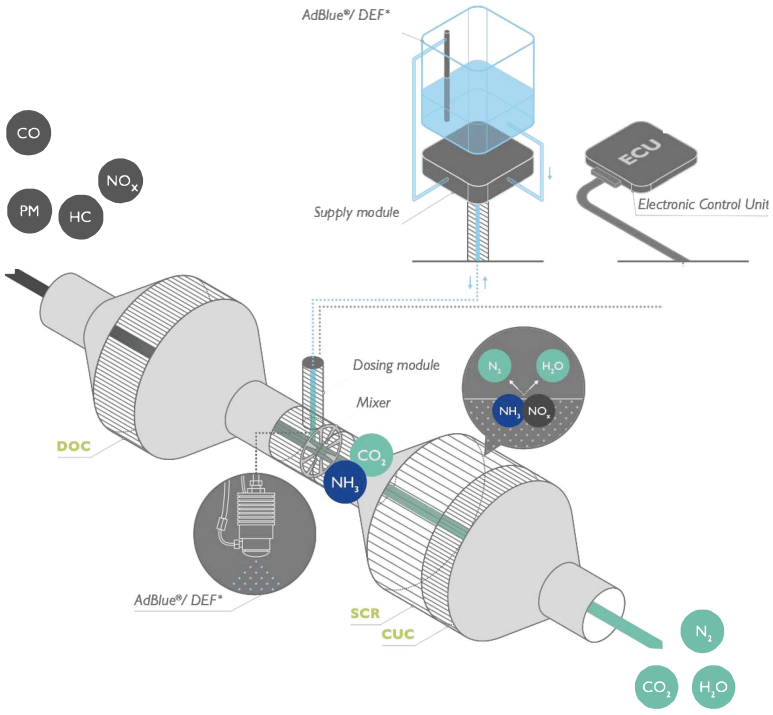
Injection System
- M (Mechanical)
- ECR (Electronic Common Rail)
- EUI (Electronic Unit Injector)
- MPI (Multi Point Injection)

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

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

AFTER TREATMENT SYSTEM



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_x Nitrogen Oxides
CO Carbon Monoxide
N_2 Nitrogen
CO_2 Carbon Dioxide
H_2O Water
AdBlue®/ DEF = $CO(NH_2)+ H_2O$

AGRICULTURAL

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)		EUI (Electronic Unit Injector)	
		TST (Twin Stage Turbocharge)	MPI (Multi Point Injection)	

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