On Road
Buses
CURSOR 9

C87 ENT
294 kW (400 HP) @ 2200 rpm
Euro VI A/C

SPECIFICATIONS

Thermodynamic Cycle		Diesel 4 stroke
Air Handling		TAA
Bore x Stroke	millimeters	117 x 135
Total Displacement	liters	8.7
Valves per cylinder	number	0.004
Cooling System		liquid
Direction of Rotation	viewed facing flywheel	CCW
Compression ratio		15.9:1
Injection System		ECR
Arrangement		6L

PERFORMANCES

Peak power	kW (HP) @ rpm		294 (400) @ 2200
Peak torque	Nm (kgm) @ rpm		1700 (173) @ 1200
High idle speed	rpm		2450
Low idle speed	rpm		±550
Minimum starting temperature without auxiliaries		°C	-15°
Oil and oil filter maintenance interval for replacement		kilometer	-

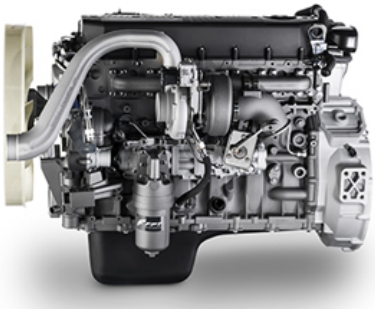
STANDARD CONFIGURATION

Flywheel housing	type		SAE 1 - aluminium
Flywheel size	inch		17”
Intake manifold location			middle high / right side
Exhaust manifold location			middle high / left side / back
Turbocharger			lectronic Variable Geometry Turbocharger
Turbocharger location			center / left side
Fan transmission ratio			1.12:1
Distance between fan - crankshaft centers		millimeters	X=-40 Y=250
Fuel filter		number	single cartridge - left side
Oil filter		number	single cartridge - right side
Oil sump			suspended sheet steel /front or flat sump
Oil vapours blow-by circuit			close case ventilation
Oil heat exchanger			integrated into the block
Oil filler			on valve cover
Starter			24V - 4.5kW
Alternator			24 V - 90+90 A
Engine stop device			by electronic control unit
Wiring harness			interface wiring loom with accessories
Painting color			grey
Air compressor			352 - 630
Hydraulic steering pump		liters-minute	16 - 20 - 25
Maximum torque available from crankshaft pulley		newton-meter	800.000

WEIGHT AND DIMENSIONS

Dimensions	LxWxH (mm)	1186 x 902 x 981
Dry Weight	Kg	907

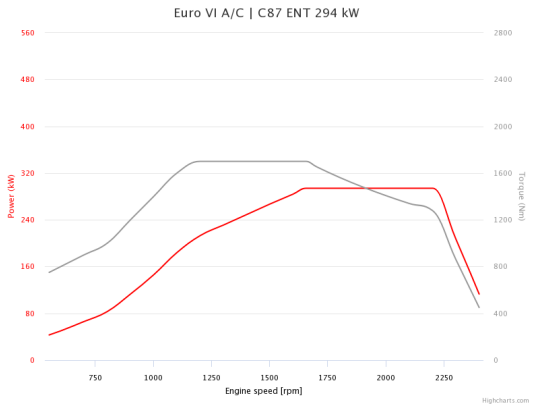
DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



ON ROAD

IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

POWER & TORQUE



NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)		-
PTO - transmission ratio		1.14:1
PTO - maximum available torque		front 800Nm on flywheel housing 800Nm -
Battery - minimum capacity recommended	Ah	447 Ah (24 V)
Battery - minimum cold cranking capacity recommended	Ah	24 V - 580 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)

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

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

AFTER TREATMENT SYSTEM

HI-eSCR After Treatment System includes Diesel Oxidation Catalyst (DOC), Diesel Particulate Filter (DPF), Selective Catalytic Reduction (SCR) and Clean-Up Catalyst (CUC)

ON ROAD

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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