On Road
Trucks
CURSOR 9 NG

C87 ENTG
280 kW (- HP) @ 2000 rpm
Euro VI

SPECIFICATIONS

Thermodynamic Cycle		Otto 4 stroke
Air Handling		TAA
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		12 : 1
Injection System		Multi Point Injection (MPI)
Arrangement		6L

PERFORMANCES

Peak power	kW (HP) @ rpm		280 (-) @ 2000
Peak torque	Nm (kgm) @ rpm		1700 (1200) @ 1254
High idle speed	rpm		2400
Low idle speed	rpm		600-
Minimum starting temperature without auxiliaries		°C	-25°
Oil and oil filter maintenance interval for replacement		kilometer	75000

STANDARD CONFIGURATION

Flywheel housing	type		SAE 1 - aluminum
Flywheel size	inch		16"
Intake manifold location			middle high / right side / front or back
Exhaust manifold location			Middle high / left side / back
Turbocharger			ıetry turbo with Waste Gate (water cooled)
Turbocharger location			center / lef side
Fan transmission ratio			n.d.
Distance between fan - crankshaft centers		millimeters	X=0 Y=0
Fuel filter		number	included in pressure regulator
Oil filter		number	single cartridge - left side
Oil sump			uspended sheet steel / front or back 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			2 x 24V - 90A
Engine stop device			by electronic control unit
Wiring harness			interface wiring loom with accessories
Painting color			grey
Air compressor			-
Hydraulic steering pump		liters-minute	-
Maximum torque available from crankshaft pulley		newton-meter	-

WEIGHT AND DIMENSIONS

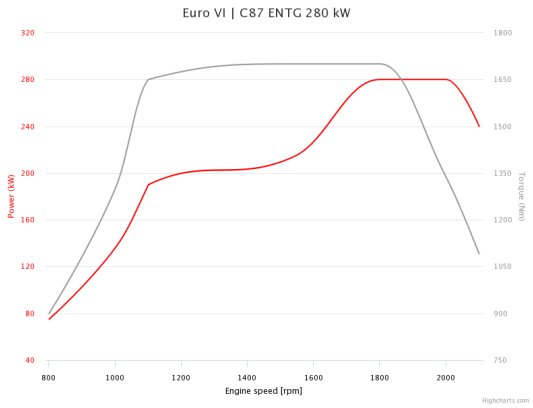
Dimensions	LxWxH (mm)	- x - x -
Dry Weight	Kg	870

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 : 1,1
PTO - maximum available torque		550 @ 900-1300 - -
Battery - minimum capacity recommended	Ah	24V - 143Ah
Battery - minimum cold cranking capacity recommended	Ah	24V - 800A

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

3 WAY CATALYST

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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