On Road
Trucks
CURSOR 13

C13 ENT
382 kW (520 HP) @ 1900 rpm
Euro V

SPECIFICATIONS

Thermodynamic Cycle		Diesel 4 stroke
Air Handling		TAA
Bore x Stroke	millimeters	135 x 150
Total Displacement	liters	12.9
Valves per cylinder	number	4
Cooling System		liquid
Direction of Rotation	viewed facing flywheel	CCW
Compression ratio		16.5 : 1
Injection System		EUI
Arrangement		6L

PERFORMANCES

Peak power	kW (HP) @ rpm		382 (520) @ 1900
Peak torque	Nm (kgm) @ rpm		2300 (235) @ 1600
High idle speed	rpm		2320
Low idle speed	rpm		±550
Minimum starting temperature without auxiliaries		°C	-10°
Oil and oil filter maintenance interval for replacement		kilometer	-

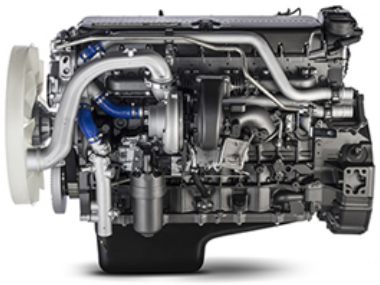
STANDARD CONFIGURATION

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			Variable Geometry Turbocharger
Turbocharger location			center / left side
Fan transmission ratio			n.a.
Distance between fan - crankshaft centers		millimeters	X=0 Y=0
Fuel filter		number	right side
Oil filter		number	single cartridge - left side
Oil sump			suspended sheet / front sump
Oil vapours blow-by circuit			close case ventilation
Oil heat exchanger			integrated into the block
Oil filler			on valve cover
Starter			24V - 5.5kW
Alternator			24 V - 90 A
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)	1329 x 866 x 1130
Dry Weight	Kg	1006

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 600Nm	-
Battery - minimum capacity recommended	Ah	! x 170 Ah (24 V)
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)

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

FPT POWERTRAIN TECHNOLOGIES

AFTER TREATMENT SYSTEM

SCR

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)	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