Construction
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CURSOR 13

C13 2stT
440 kW (598 HP) @ 2100 rpm
Stage IV / Tier4 Final

CONSTRUCTION

SPECIFICATIONS

Thermodynamic cycle		Diesel 4 stroke
Air Handling		TCA
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		15.5:1
Injection System		ECR
EGR		-

PERFORMANCES

Rated power [*]	kW (HP) @ rpm		440 (598) @ 2100
Peak torque	Nm (kgm) @ rpm		2600 (-) @ -
High idle speed	rpm		-
Low idle speed	rpm		±-
Minimum starting temperature without auxiliaries		°C	-15°
Oil and oil filter maintenance interval for replacement		hours	600

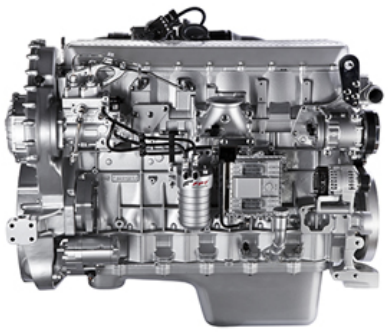
STANDARD CONFIGURATION

Flywheel housing	type		SAE 1 - aluminium
Flywheel size	inch		14”
Intake manifold location			middle high / right side / front
Exhaust manifold location			middle high / left side / back
Turbocharger			Two Stage Turbocharger
Turbocharger location			center / left side
Fan transmission ratio			1.37:1
Distance between fan - crankshaft centers	millimeters		X=-20 Y=225
Fuel filter	number		single cartridge - right side
Fuel prefilter			-
Fuel Pump			-
Oil filter	number		single cartridge - left side
Oil sump			suspended sheet steel / front sump, 35° 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
Alternator			24 V - 90 A
Hydraulic steering pump			-
Wiring harness			interface wiring loom with accessories
Painting color			grey
Starter			24V - 5.5kW
Maximum torque available from crankshaft pulley		Nm	-
Engine stop device			by electronic control unit

WEIGHT AND DIMENSIONS

Dimensions	LxWxH (mm)	5 x 1030 x 1285

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		-
PTO - maximum available torque		SAE A 150Nm (9 teeth - ANSI B92,1) SAE B 150Nm (13 teeth ANSI B92,1) SAE B 200Nm (splined - DIN 5482)
Battery - minimum capacity recommended	Ah	180 Ah (24 V)
Battery - minimum cold cranking capacity recommended	Ah	24 V - 800 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)		EUI (Electronic Unit Injector)	
		TST (Twin Stage Turbocharge)	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

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