C16

480 kW (- HP) @ 2100 rpm

Stage V / Tier 4B

SPECIFICATIONS

Thermodynamic cycle		Diesel 4 stroke
Air Handling		TCA
Bore x Stroke	millimeters	141 x 170
Total displacement	liters	15.9
Valves per cylinder	number	4
Cooling System		liquid
Direction of Rotation (viewed facing flywheel)		anti-clockwise
Compression ratio		-
Injection System		Direct - Electronic Common Rail
EGR		-

PERFORMANCES

Rated power [*]	kW (HP) @ rpm		480 (-) @ 2100
Peak torque	Nm (kgm) @ rpm		2750 (-) @ -
High idle speed	rpm		2100
Low idle speed	rpm		--
Minimum starting temperature without auxiliaries		°C	22°
Oil and oil filter maintenance interval for replacement		hours	-

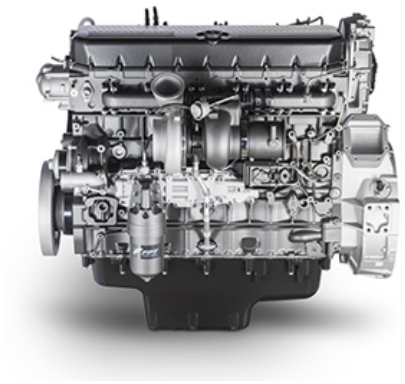
STANDARD CONFIGURATION

Flywheel housing	type		SAE 3 - cast iron
Flywheel size	inch		10"
Intake manifold location			frontwards
Exhaust manifold location			right side / rear
Turbocharger			-
Turbocharger location			front high / right side
Fan transmission ratio			1.1:1
Distance between fan - crankshaft centers		millimeters	X=0 Y=296
Fuel filter		number	single cartridge - left side
Fuel prefilter			-
Fuel Pump			-
Oil filter		number	single cartridge - left side
Oil sump			sheet steel / central sump
Oil vapours blow-by circuit			on valve cover
Oil heat exchanger			incorporated built in the crankcase
Oil filler			on valve cover
Alternator			12 V - 90 A with W contact
Hydraulic steering pump			-
Wiring harness	sectioning connector on engine wiring for EGR control unit		
Painting color			-
Starter			12 V - 3 kW
Maximum torque available from crankshaft pulley		Nm	-
Engine stop device			-

WEIGHT AND DIMENSIONS

Dimensions	LxWxH (mm)	- x - x -

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

CONSTRUCTION

POWER & TORQUE

NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)		-
PTO - transmission ratio		-
PTO - maximum available torque		- - -
Battery - minimum capacity recommended	Ah	-
Battery - minimum cold cranking capacity recommended	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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CONSTRUCTION

LEGEND

Arrangement	Air Handling	Turbocharger	Injection System	Exhaust System
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