Construction
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CURSOR 16

C16
570 kW (775 HP) @ 2100 rpm
Stage IV / Tier4 Final

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)		CCW
Compression ratio		16.5:1
Injection System		ECR
EGR		-

PERFORMANCES

|		
Rated power [*]	kW (HP) @ rpm	570 (775) @ 2100
Peak torque	Nm (kgm) @ rpm	3320 (338) @ 1500
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 - casted aluminum
Flywheel size	inch	17"
Intake manifold location		right side
Exhaust manifold location		left side / middle flange
Turbocharger		Waste Gate valve with exhaust flap
Turbocharger location		middle high / left side / back exhaust
Fan transmission ratio		-
Distance between fan - crankshaft centers	millimeters	X=- Y=-
Fuel filter	number	artridge - central right side
Fuel prefilter		-
Fuel Pump		-
Oil filter	number	green filter - central left side
Oil sump		Aluminum - central sump - 19° angularity limits continuous in all directions
Oil vapours blow-by circuit		Two stage CCV - rear position
Oil heat exchanger		oil / water engine cooler
Oil filler		on head cover - middle position
Alternator		24V - 120A
Hydraulic steering pump		-
Wiring harness		engine harness connected to ECU
Painting color		grey
Starter		24V - 7.8 kW
Maximum torque available from crankshaft pulley	Nm	-
Engine stop device		-

WEIGHT AND DIMENSIONS

Dimensions	LxWxH (mm)	78 x 951 x 1326

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS
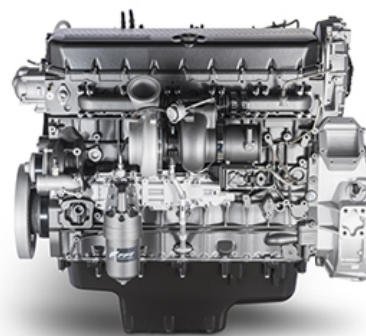
IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

POWER & TORQUE

Stage IV / Tier4 Final | C16 570 kW
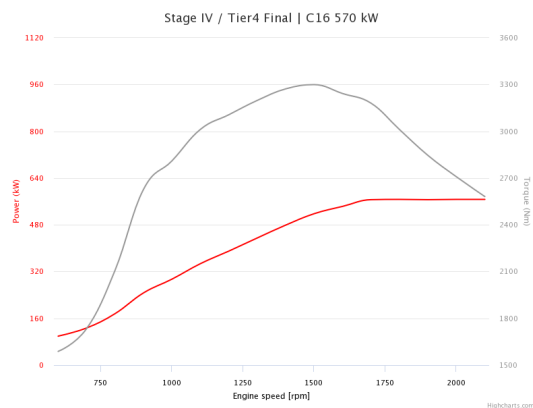
NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)		n flywheel housing - rear, right side
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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FPT POWERTRAIN TECHNOLOGIES