

SPECIFICATIONS

Thermodynamic cycle	Diesel 4 stroke
Air Handling	TCA
Bore x Stroke	millimeters 125 x 140
Total displacement	liters 10.3
Valves per cylinder	number 4
Cooling System	liquid
Direction of Rotation (viewed facing flywheel)	CCW
Compression ratio	16.5:1
Injection System	EUI

EGR -

PERFORMANCES

Rated power [*]	kW (HP) @ rpm	315 (428) @ 2100
Peak torque	Nm (kgm) @ rpm	1890 (193) @ -
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 / frontwards
Exhaust manifold location		middle high / left side/ backwards
Turbocharger		Fixed Geometry Turbo
Turbocharger location		fixed geometry
Fan transmission ratio		1.25:1
Distance between fan - crankshaft centers	millimeters	X=0 Y=225
Fuel filter	number	single cartridge - right side
Fuel prefilter		included, supplied loose
Fuel Pump		high pressure pump (H.P.P.)
Oil filter	number	dual cartridge - left side
Oil sump		suspended sheet steel / front sump

Oil vapours blow-by circuit	close case ventilation
Oil heat exchanger	incorporated into the block
Oil filler	on timing cover
Alternator	24 V - 90 A
Hydraulic steering pump	-
Wiring harness	interface wiring loom with accessories
Painting color	grey

Starter	24 V - 5.5 kW
Maximum torque available from crankshaft pulley	Nm -
Engine stop device	by electronic control unit

WEIGHT AND DIMENSIONS

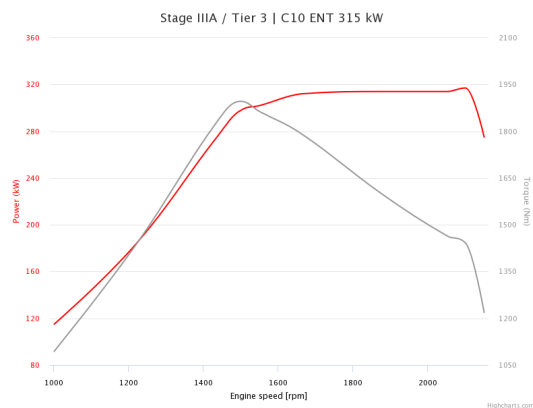
Dimensions	LxWxH (mm)	20 x 881 x 1110
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DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

POWER & TORQUE



NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)	-
PTO - transmission ratio	1.36:1
PTO - maximum available torque	SAE A 150 Nm (9 teeth ANSI B92.1) SAE B 150 Nm (13 teeth ANSI B92.1) SAE B 200 Nm (grooved - 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)	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



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