

SPECIFICATIONS

Thermodynamic cycle	Diesel 4 stroke	
Air Handling	TCA	
Bore x Stroke	millimeters	145 x 152
Total displacement	liters	20.1
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]	kW (HP) @ rpm	670 (910) @ 2100
Peak torque	Nm (kgm) @ rpm	4095 (417) @ 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 - cast iron
Flywheel size	inch	17"
Intake manifold location	top - center	
Exhaust manifold location	rear - center / single outlet	
Turbocharger	2x FGT with waste gate	
Turbocharger location	rear side	
Fan transmission ratio	-	
Distance between fan - crankshaft centers	millimeters	X=- Y=-
Fuel filter	number	dge green filter - front side
Fuel prefilter	-	
Fuel Pump	-	
Oil filter	number	tridge green filter - front side
Oil sump	Aluminum - central sump - 35° angularity limits continuous in all directions	
Oil vapours blow-by circuit	ldson spiracle filter OCV - front side	
Oil heat exchanger	oil / water engine cooler	
Oil filler	on oil sump - left / right side	
Alternator	12V - 240A	
Hydraulic steering pump	-	
Wiring harness	engine harness connected to ECU	
Painting color	grey	
Starter	24V - 8,5 kW	
Maximum torque available from crankshaft pulley	Nm	-
Engine stop device	-	

WEIGHT AND DIMENSIONS

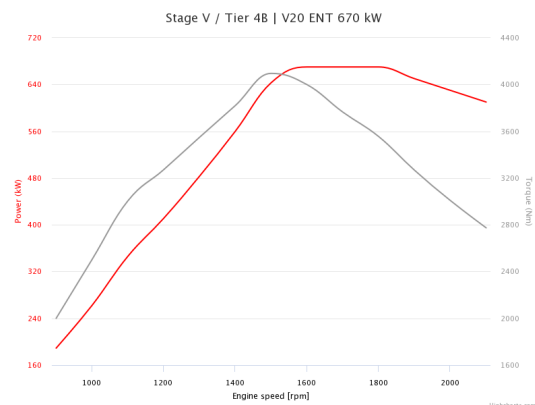
Dimensions	LxWxH (mm)	5 x 1190 x 1340
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DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

POWER & TORQUE



NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)	-
PTO - transmission ratio	-
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)	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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