

## SPECIFICATIONS

Thermodynamic Cycle	Diesel 4 stroke	
Air Handling	TCA	
Bore x Stroke	millimeters	117 x 144
Total Displacement	liters	11.1
Valves per cylinder	number	4
Cooling System	liquid	
Direction of Rotation	viewed facing flywheel	CCW
Compression ratio	16.5:1	
Injection System	ECR	
Arrangement	6L	

## PERFORMANCES

Peak power	kW (HP) @ rpm	353 ( 480 ) @ 1900
Peak torque	Nm (kgm) @ rpm	2300 (235) @ 950
High idle speed	rpm	2320
Low idle speed	rpm	±550
Minimum starting temperature without auxiliaries	°C	-15°
Oil and oil filter maintenance interval for replacement	kilometer	-

## STANDARD CONFIGURATION

Flywheel housing	type	SAE 1 - aluminium
Flywheel size	inch	17"
Intake manifold location	middle high / right side	
Exhaust manifold location	middle high / left side / back	
Turbocharger	electronic Variable Geometry Turbocharger	
Turbocharger location	center / left side	
Fan transmission ratio	1.12:1	
Distance between fan - crankshaft centers	millimeters	X=-20 Y=225
Fuel filter	number	single cartridge - left side
Oil filter	number	single cartridge - right side
Oil sump	suspended sheet steel /front sump	
Oil vapours blow-by circuit	close case ventilation	
Oil heat exchanger	integrated into the block	
Oil filler	on valve cover	
Starter	24V - 5.5kW	
Alternator	24 V - 90 A	
Engine stop device	by electronic control unit	
Wiring harness	interface wiring loom with accessories	
Painting color	grey	
Air compressor	352 - 630	
Hydraulic steering pump	liters-minute	16 - 20 - 25
Maximum torque available from crankshaft pulley	newton-meter	800.000

## WEIGHT AND DIMENSIONS

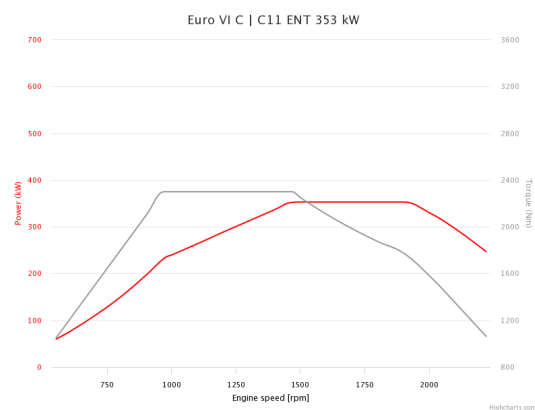
Dimensions	LxWxH (mm)	285 x 1035 x 1149
Dry Weight	Kg	1220

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	1.14:1	
PTO - maximum available torque	front 800Nm on flywheel housing 800Nm -	
Battery - minimum capacity recommended	Ah	355 Ah (24 V)
Battery - minimum cold cranking capacity recommended	Ah	24 V - 511 Ah

## LEGEND

Arrangement	Air Handling	Turbocharger	Injection System	Emission standard	Exhaust System
L (in line)	TCA (Turbocharged with aftercooler)	WG (Wastegate)	M (Mechanical)	EEV (Enhanced Environmentally friendly Vehicle)	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](http://WWW.FPTINDUSTRIAL.COM)

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE



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](http://WWW.FPTINDUSTRIAL.COM)

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

