

## SPECIFICATIONS

Thermodynamic Cycle	Diesel 4 stroke	
Air Handling	TAA	
Bore x Stroke	millimeters	135 x 150
Total Displacement	liters	12.9
Valves per cylinder	number	4
Cooling System	liquid	
Direction of Rotation	viewed facing flywheel	CCW
Compression ratio	16.5 : 1	
Injection System	EUI	
Arrangement	6L	

## PERFORMANCES

Peak power	kW (HP) @ rpm	301 ( 410 ) @ 1900
Peak torque	Nm (kgm) @ rpm	1900 (194) @ 1515
High idle speed	rpm	2320
Low idle speed	rpm	±550
Minimum starting temperature without auxiliaries	°C	-10°
Oil and oil filter maintenance interval for replacement	kilometer	-

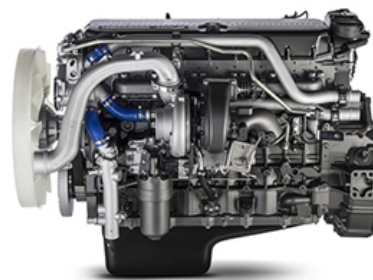
## STANDARD CONFIGURATION

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	Fixed Geometry with Waste Gate valve	
Turbocharger location	center / left side	
Fan transmission ratio	n.a.	
Distance between fan - crankshaft centers	millimeters	X=0 Y=0
Fuel filter	number	right side
Oil filter	number	double cartridge - left side
Oil sump	suspended sheet / 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	-	
Hydraulic steering pump	liters-minute	-
Maximum torque available from crankshaft pulley	newton-meter	-

## WEIGHT AND DIMENSIONS

Dimensions	LxWxH (mm)	1329 x 866 x 1130
Dry Weight	Kg	1006

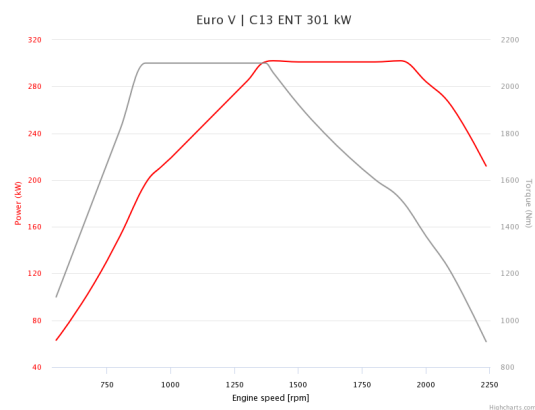
DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



ON ROAD

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	: x 170 Ah (24 V)
Battery - minimum cold cranking capacity recommended	Ah	24 V - 800 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)		

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