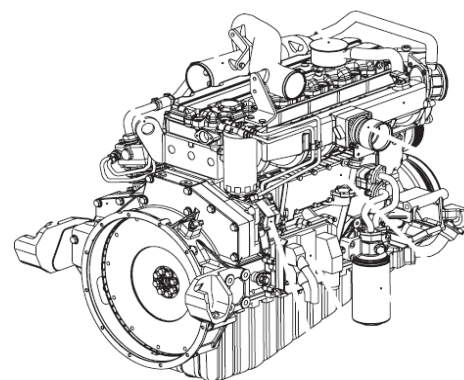


◎ **Production Tolerance : ±5%**

Intermittent rating kW(PS) / rpm	Max. torque N.m(kg.m) / rpm	Aftertreatment
199 (270) / 2500	780 (79.5) / 1400	None
199 (270) / 2500	863 (88) / 1400	



◎ **General Specification**

○ Engine Model	DL06
○ Engine Type	In-Line, 4 Cycle, Water Cooled Thrbcharged & Intercooled
○ Injection System	Electronic Common Rail
○ Cylinder Type	Replaceable dry liner
○ Number of Cylinders	6
○ Bore x stroke	100 x 125 mm
○ Displacement	5.9 L
○ Compression ratio	17.4 : 1
○ Firing order	1-5-3-6-2-4
○ Dry weight	600 kg (Engine only)
○ Dimension	1201 x 812 x 955 mm
○ Rotation	CCW viewed from Flywheel
○ Breather System	OVC / Mesh + Impactor (Single)
○ No Load Max Engine Speed	2,750 +/- 20rpm
○ No Load Min Engine Speed	650 +/- 25rpm
○ Turbocharger	Waste Gate Valve
○ Air Compressor Capacity	305cc/rev

◎ **Valve System**

○ Type	Over Head Valve
○ Number of Valve	Intake 2, Exhaust 2 per Cylinder
○ Valve Lashes at Cold	Intake 0.3 mm Exhaust 0.4 mm

◎ **Fuel System**

○ Injection pump	BOSCH CP3.3
○ Governor	E.C.U (BOSCH, EDC7UC31)
○ Feed pump	GEAR TYPE
○ Injection nozzle	Multi hole Type
○ Fuel filter	Full flow, Catridge Type
○ Used fuel	Diesel fuel oil

◎ **Lubrication System**

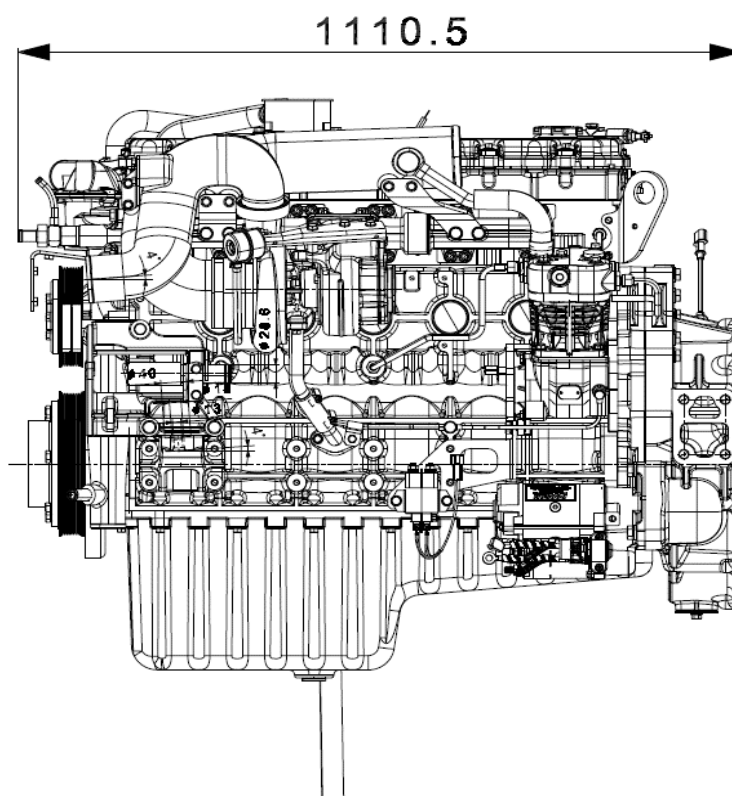
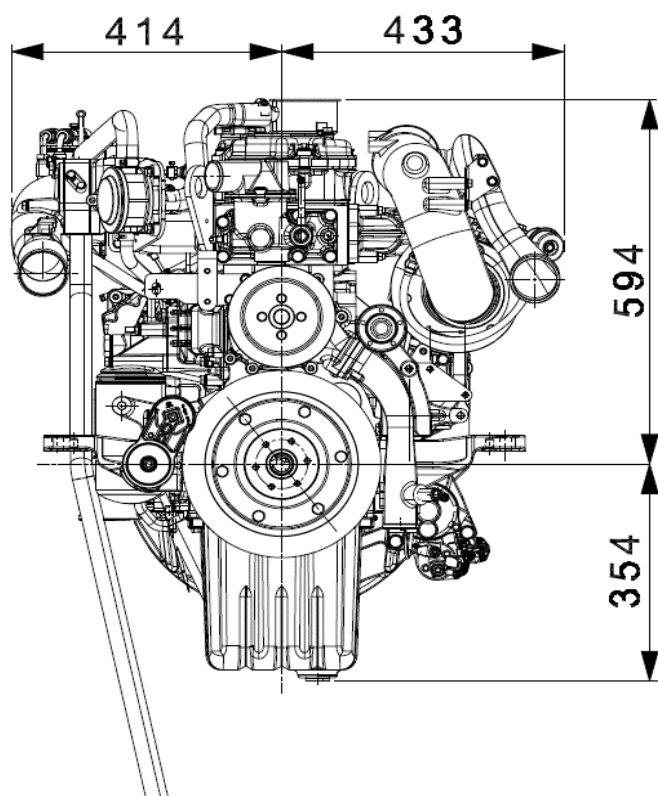
○ Lub. Method	Fully forced pressure feed Type
○ Oil pump	Gear Type driven by crankshaft
○ Oil filter	Full flow, Catridge Type
○ Oil pan capacity	High level 18 liters Low level 12 liters
○ Lub. Oil	API CI-4 Grade, SAE 10W40

◎ **Cooling System**

○ Cooling method	Fresh water forced circulation
○ Water capacity	11.5 liters (Engine only)
○ Water pump Capacity	350 liters/min at 3,000rpm
○ Thermostat	Wax – Pellet Type

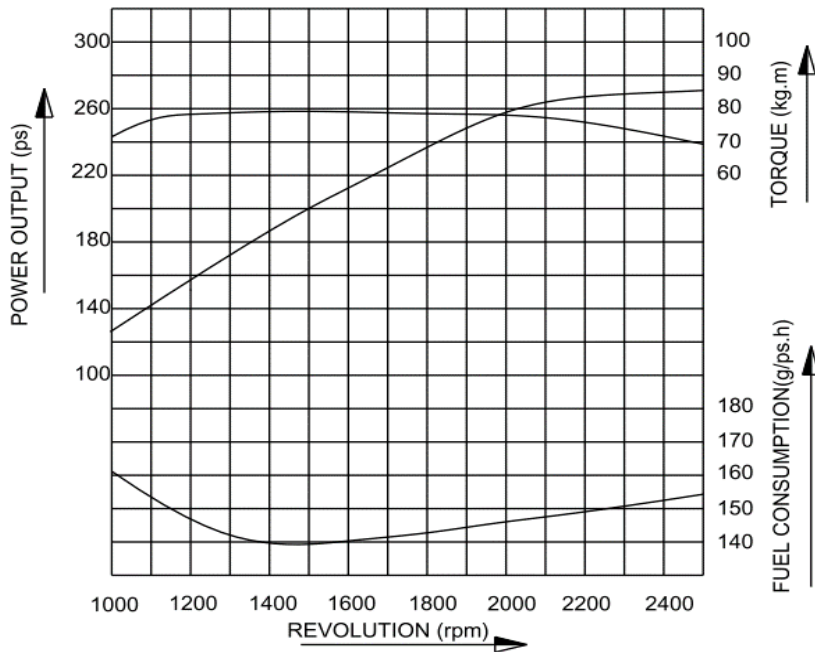
◎ **Electrical System**

○ Alternator	N/A (Vehicle Parts)
○ Starting motor	24V x 4.5kW
○ Battery Voltage	24V
○ Battery Capacity	150AH x 2ea (recommended)

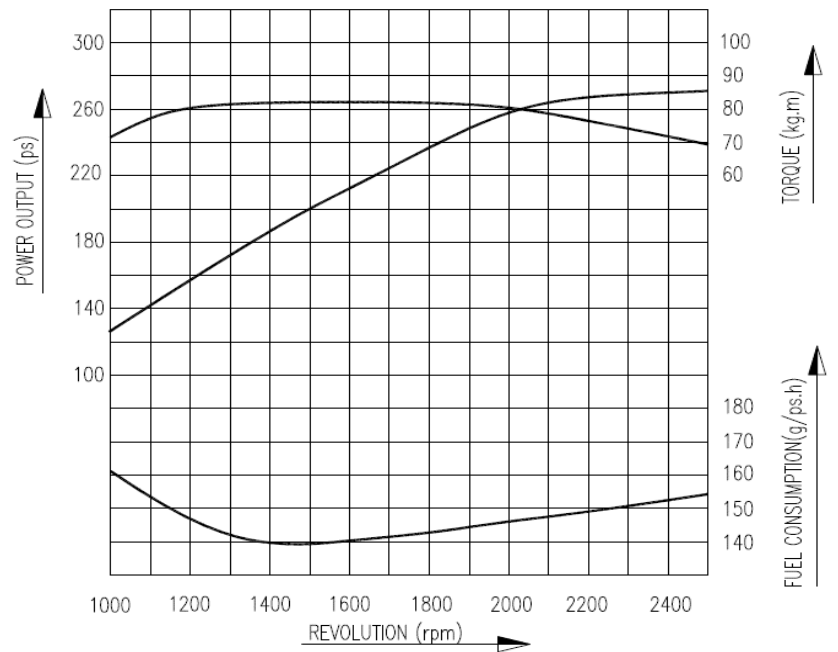


◎ Performance Curve

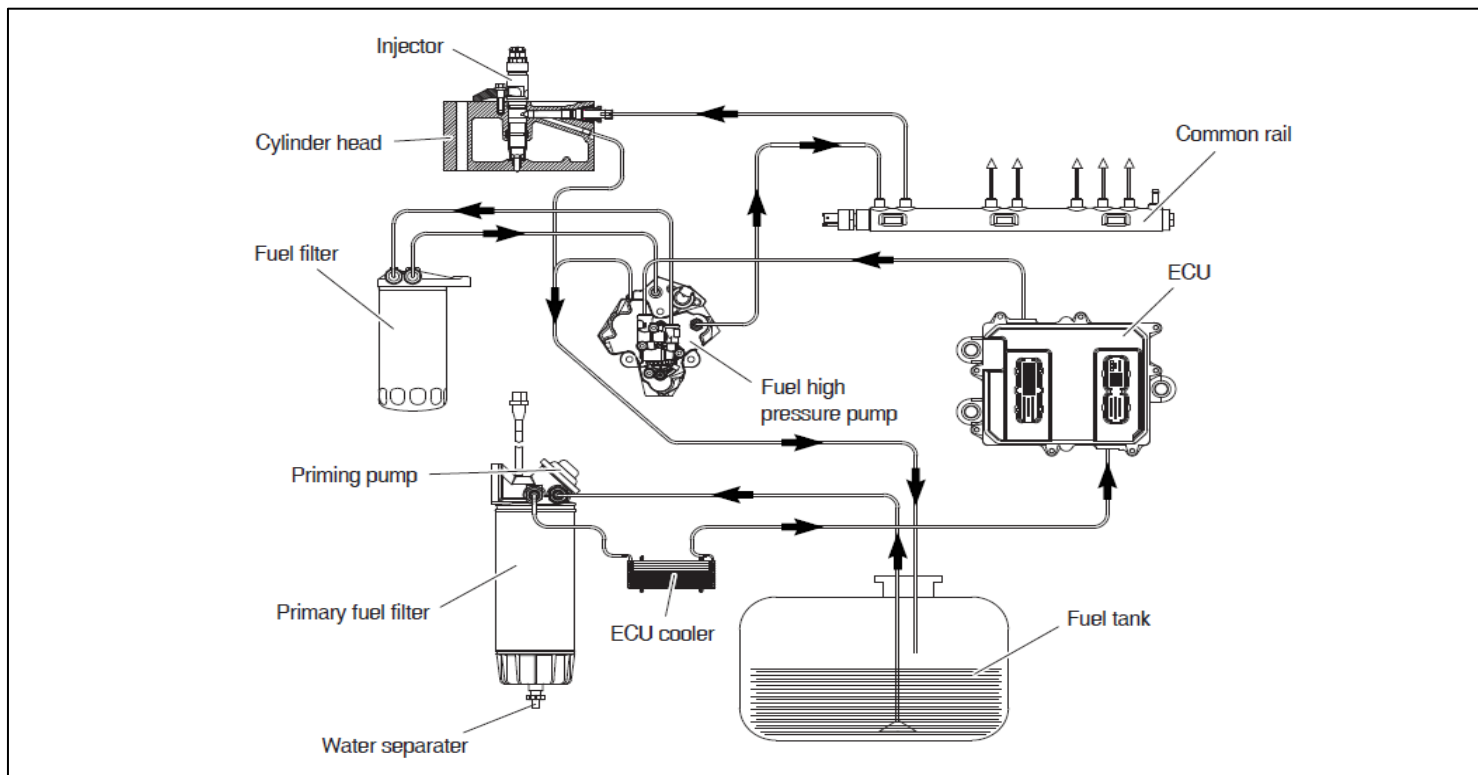
○ 199kW (270PS) / 79.5kg.m



○ 199kW (270PS) / 88kg.m



◎ Fuel Injection System



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