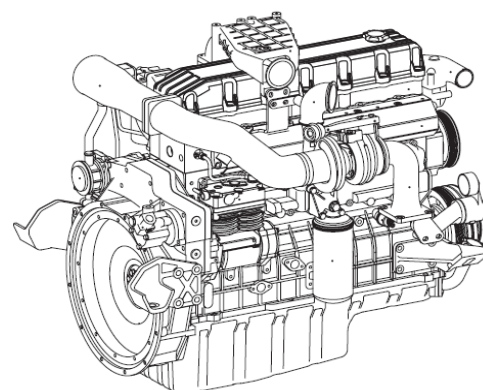


◎ **Production Tolerance : ±5%**

Intermittent rating kW(HP) / rpm	Max. torque N.m(kg.m) / rpm	Aftertreatment
221 (300) / 2200	1127 (115) / 1200	None



◎ **General Specification**

○ Engine Model	DL08
○ 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	108 x 139 mm
○ Displacement	7.6 L
○ Compression ratio	16.5 : 1
○ Firing order	1-5-3-6-2-4
○ Dry weight	836 kg (Engine only)
○ Dimension	1214 x 801 x 1085 mm
○ Rotation	CCW viewed from Flywheel
○ Breather System	OVC / Mesh + Impactor (Single)
○ No Load Max Engine Speed	2,420 +10/-50rpm
○ No Load Min Engine Speed	600 +/- 10rpm
○ Flywheel Housing	SAE1
○ Flywheel Size	OEM FLYWHL MTG PCD
○ Turbocharger	Waste Gate Valve
○ Air Compressor Capacity	440cc/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, EDC7C1)
○ Feed pump	GEAR TYPE
○ Injection nozzle	Multi hole Type
○ Fuel filter	Full flow, Catridge Type
○ Used fuel	Diesel fuel oil

◎ **Lubrication System**

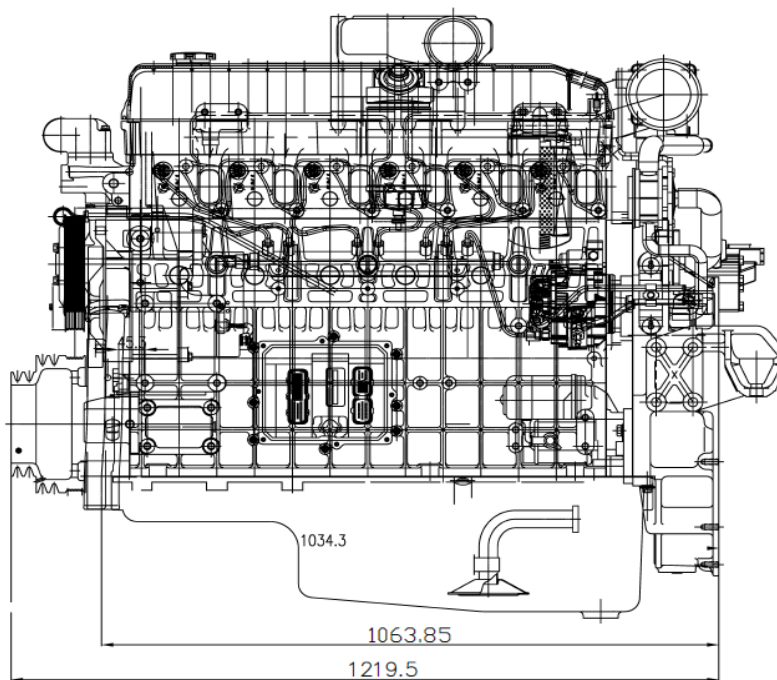
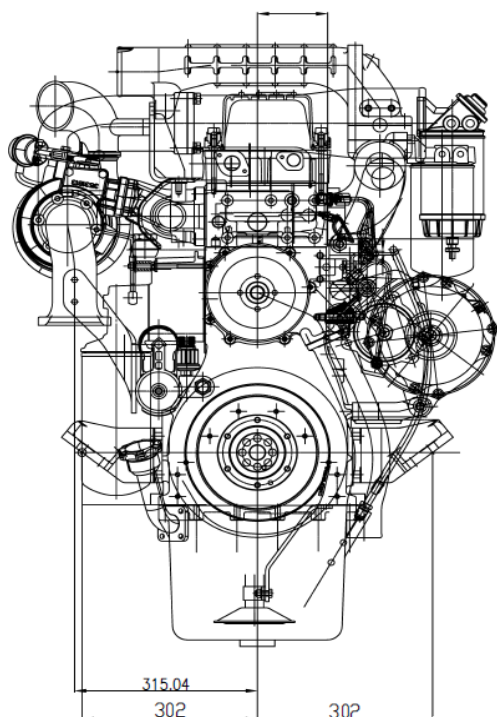
○ Lub. Method	Fully forced pressure feed Type
○ Oil pump	Gear Type driven by crankshaft
○ Oil filter	Full flow, Catridge Type
○ Oil pan capacity	High level 28 liters Low level 22 liters
○ Lub. Oil	API CI-4 Grade, SAE 10W40

◎ **Cooling System**

○ Cooling method	Fresh water forced circulation
○ Water capacity	18.2 liters (Engine only)
○ Water pump Capacity	400 liters/min at 3,055rpm
○ Thermostat	Wax – Pellet Type

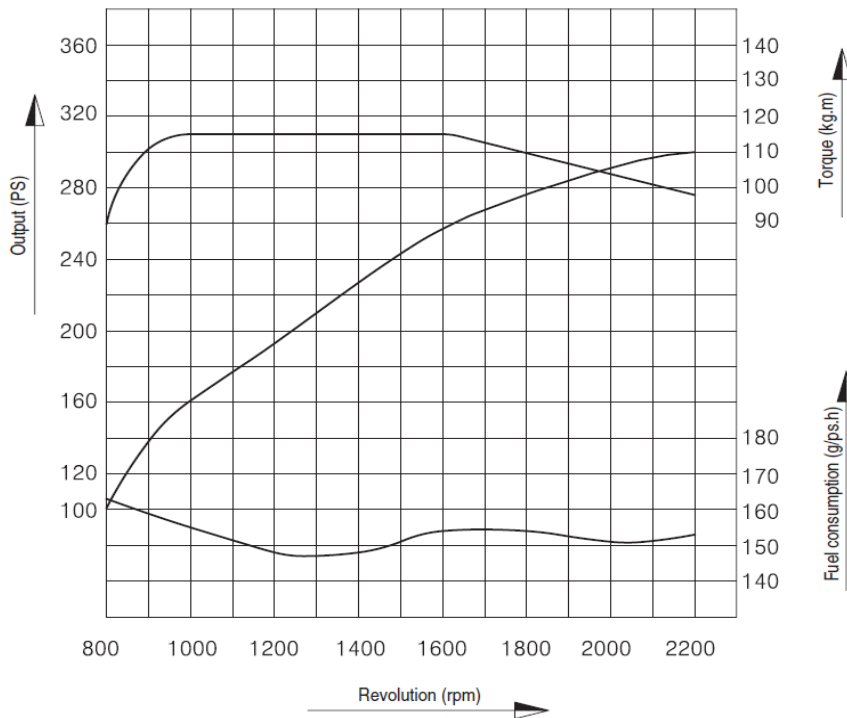
◎ **Electrical System**

○ Alternator	N/A (Vehicle Parts)
○ Starting motor	24V x 6.0kW
○ Battery Voltage	24V
○ Battery Capacity	150AH x 2ea (recommended)

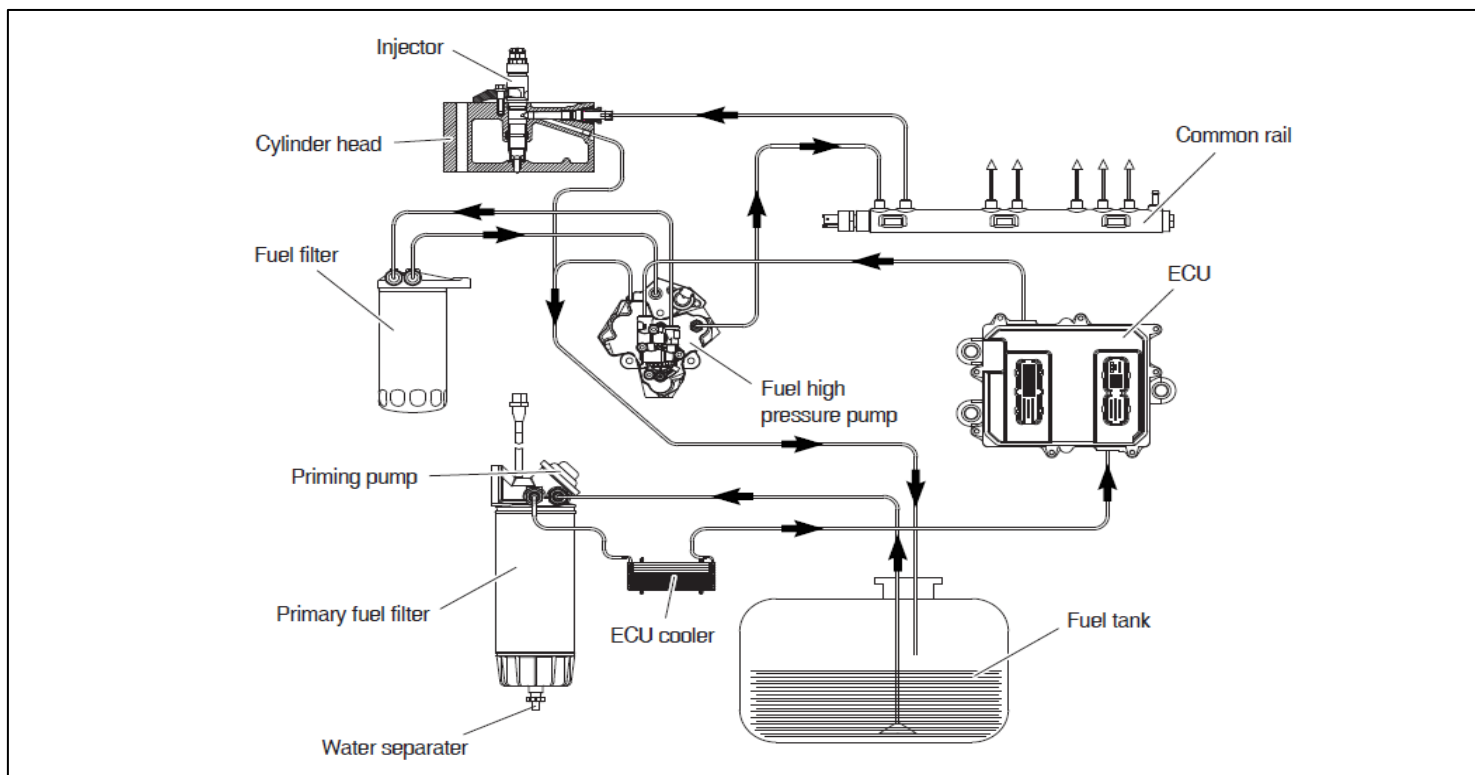


◎ Performance Curve

○ 221kW (300PS) / 115kg.m



◎ Fuel Injection System



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