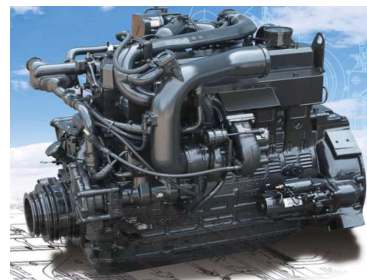


◎ Production Tolerance : ±5%

Intermittent rating kW(HP) / rpm	Max. torque N.m(kg.m) / rpm	Aftertreatment
176 (240) / 2300	883 (90) / 1300	Oxidation Catalyst



◎ General Specification

○ Engine Model	GL08K
○ Engine Type	In-line, 4 Cycle, Water Cooled Turbocharged & Intercooled
○ Injection System	Electronic Common Rail
○ Cylinder Type	Replaceable dry liner
○ Number of Cylinders	6
○ Bore x stroke	111 x 139 mm
○ Displacement	8.1 L
○ Compression ratio	10.5 : 1
○ Firing order	1-5-3-6-2-4
○ Dry weight	750 kg
○ Dimension	1,169 x 1,003 x 812 mm
○ Rotation	CCW viewed from Flywheel
○ Breather System	
○ No Load Max Engine Speed	2,530 +/-50rpm
○ No Load Min Engine Speed	600 +/- 50rpm
○ Air Compressor Capacity	440cc/rev (Single)

◎ Valve System

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

◎ Ignition System

○ Ignition Coil	Inductive coil pack
○ Ignition Type	One coil per cylinder

◎ Fuel System

○ System	Air-fuel mixer and throttle valve
○ Governor	E.C.U (WOODWARD, OH2.2)
○ Control	Air-fuel Ratio feed-back control
○ Injector	PWN Type Solenoid Valve
○ Mixer	Single Point Air-fuel Mixer
○ Used Fuel	CNG

◎ Lubrication System

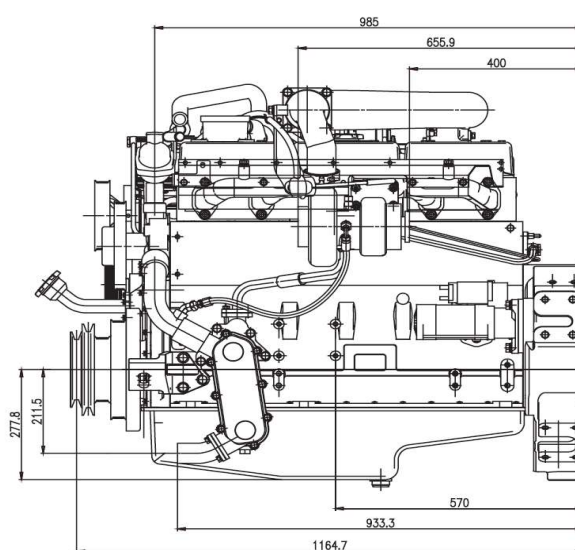
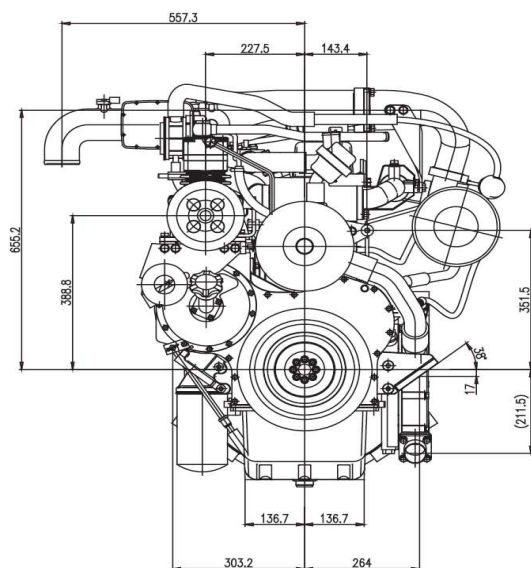
○ Lub. Method	Fully forced pressure feed Type
○ Oil pump	Gear Type driven by crankshaft
○ Oil filter	Full flow, Catridge Type
○ Oil pan capacity	High level 15.5 liters Low level 11.5 liters
○ Lub. Oil	SAE 15W40(CNG)

◎ Cooling System

○ Cooling method	Fresh water forced circulation
○ Water capacity	13.7 liters (Engine only)
○ Water pump Capacity	190 liters/min at 2,000rpm
○ Thermostat	Wax – Pellet Type

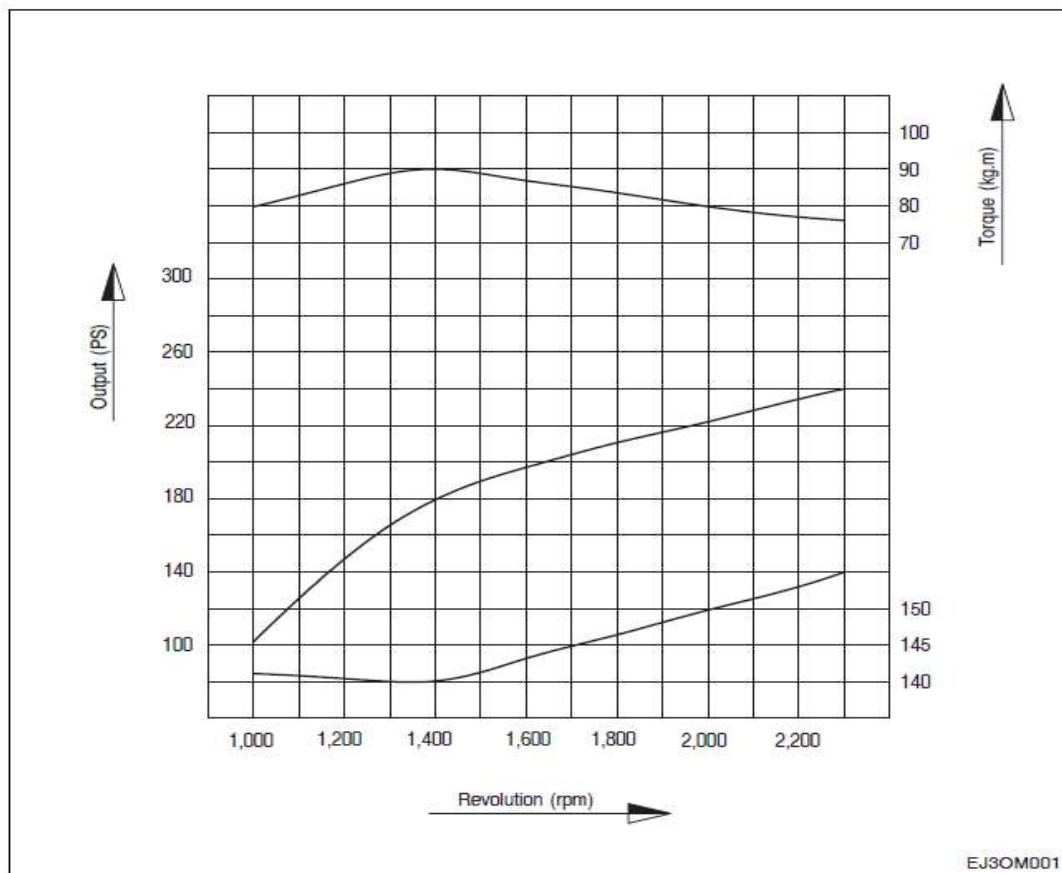
◎ Electrical System

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



© Performance Curve

o 176kW (240PS) / 90kg.m



Performance		ISO 1585 (SAE J1349)
Output	(max.)	240 ps / 2,300 rpm
Torque	(max.)	90 kg·m / 1,400 rpm
Fuel consumption	(min.)	140 g / ps·h

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