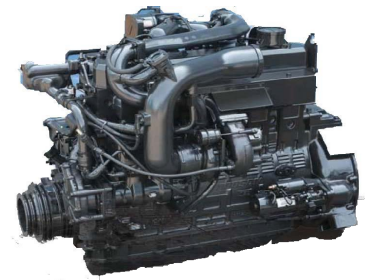


◎ Production Tolerance : ±5%

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

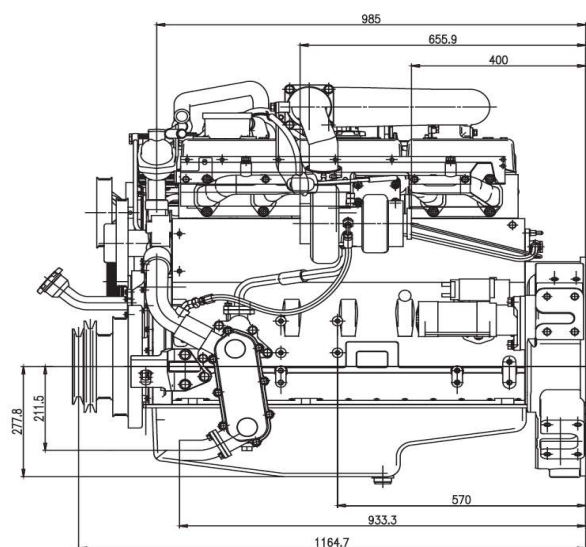
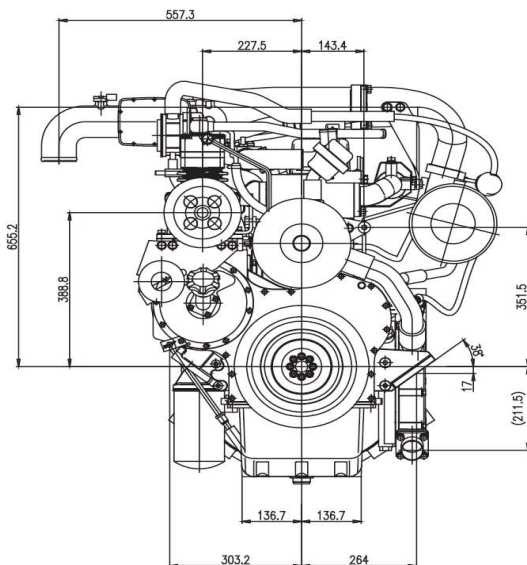
- Lub. Method Fully forced pressure feed Type
- Oil pump Gear Type driven by crankshaft
- Oil filter Full flow, Catridge Type
- Oil pan capacity High level 15.5 liters
Low level 11.5 liters
- Lub. Oil SAE 15W40(CNG)

◎ 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

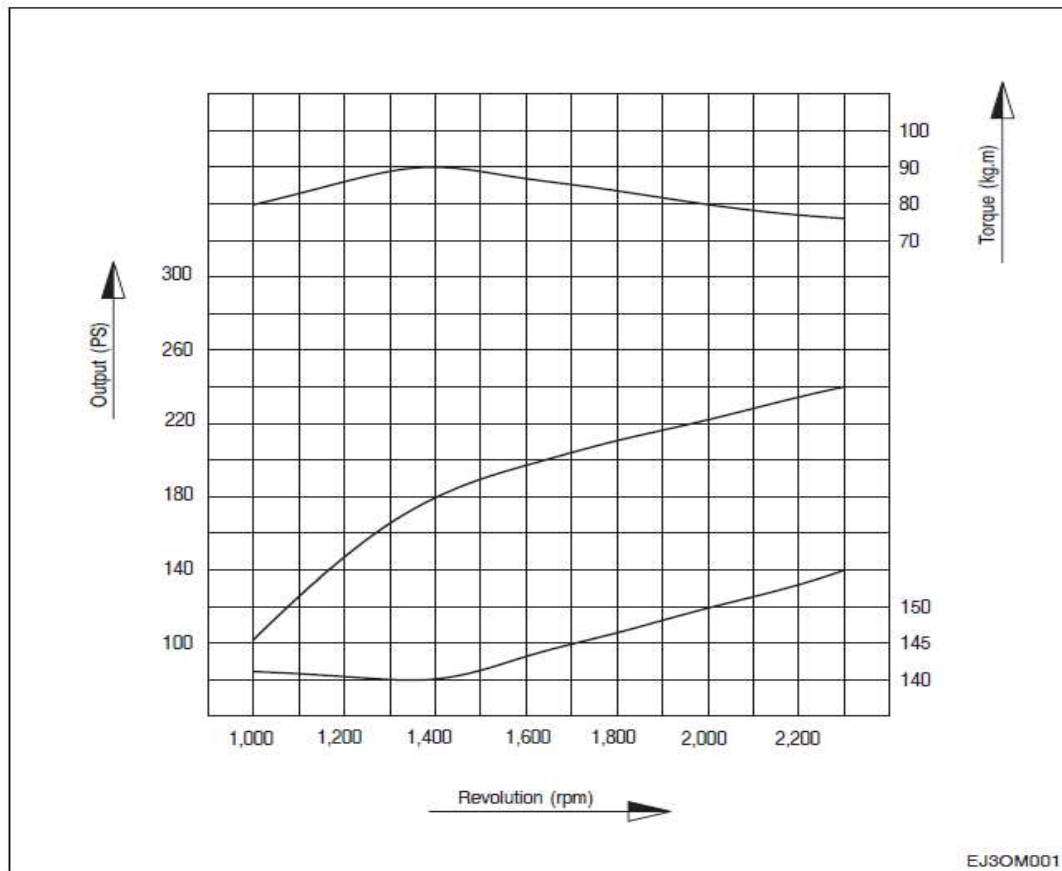
◎ Electrical System

- 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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Sales office (Engine)

11F, HD Hyundai Group's Global R&D Center

※ Specifications are subject to change without prior notice