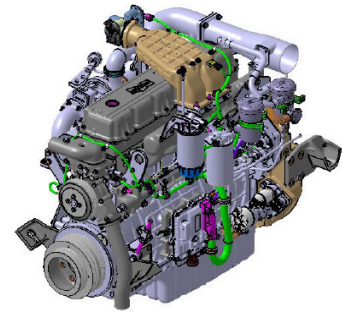


◎ Production Tolerance : ±5%

Intermittent rating kW(HP) / rpm	Max. torque N.m(kg.m) / rpm	Aftertreatment
221 (300) / 2200	1128 (115) / 1200	DOC+DPF+SCR
250 (340) / 2200	1422 (145) / 1200	



◎ General Specification

- Engine Model DL08P
- 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 108 x 139 mm
- Displacement 7.64L
- Compression ratio 16.5 : 1
- Firing order 1-5-3-6-2-4
- Dry weight 836 kg (Engine only)
- Dimension 1,220 x 804 x 1,097 mm
- Rotation CCW viewed from Flywheel
- Breather System CCV (Mesh + Impactor)
- No Load Max Engine Speed 2,420 +/- 25rpm
- No Load Min Engine Speed 600 +/- 25rpm
- Flywheel Housing SAE1
- Flywheel Size 17 inch Push / 19 inch Pull
- Turbocharger Waste Gate Valve
- 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

◎ Fuel System

- Injection pump BOSCH CP 3.3
- Governor E.C.U (BOSCH, EDC17CV41)
- Feed pump GEAR TYPE
- Injection nozzle Multi hole Type
- Fuel filter Full flow, Cartridge Type
- Used fuel Diesel fuel oil (S<0.05%)

◎ Lubrication System

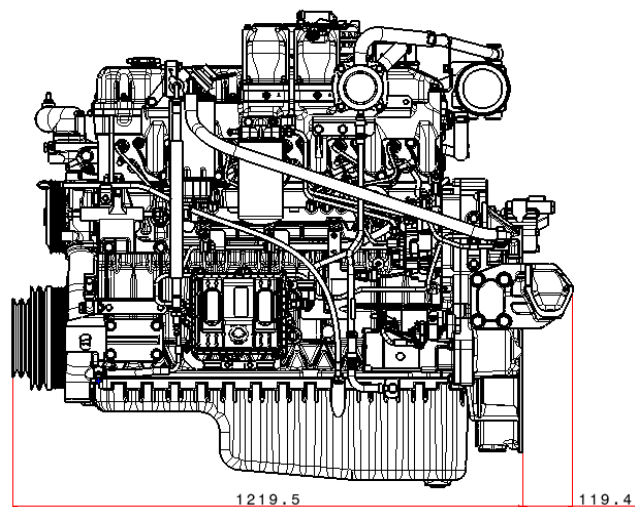
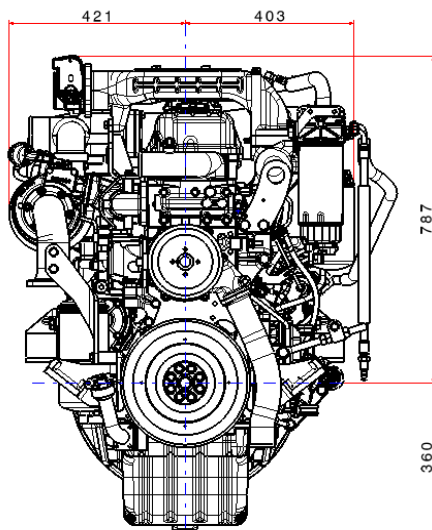
- Lub. Method Fully forced pressure feed Type
- Oil pump Gear Type driven by crankshaft
- Oil filter Full flow, Cartridge Type
- Oil pan capacity High level 27 liters
Low level 21 liters
- Lub. Oil API CJ-4 Grade, 10W30 or 10W40

◎ Cooling System

- Cooling method Fresh water forced circulation
- Water capacity 13.3 liters (Engine only)
- Water pump Capacity 320 liters/min at 2,200rpm
- Thermostat Wax – Pellet Type

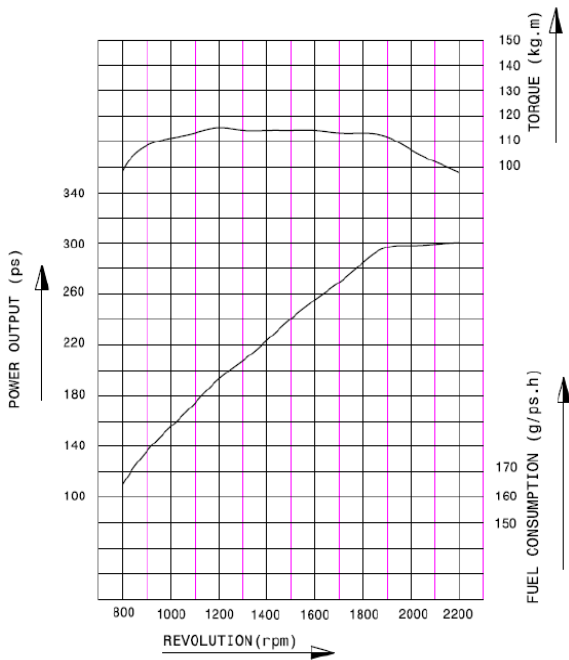
◎ Electrical System

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

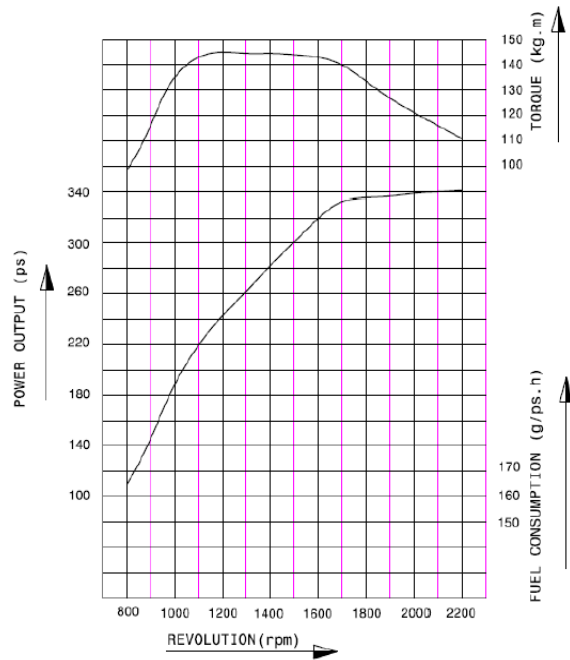


⊙ Performance Curve

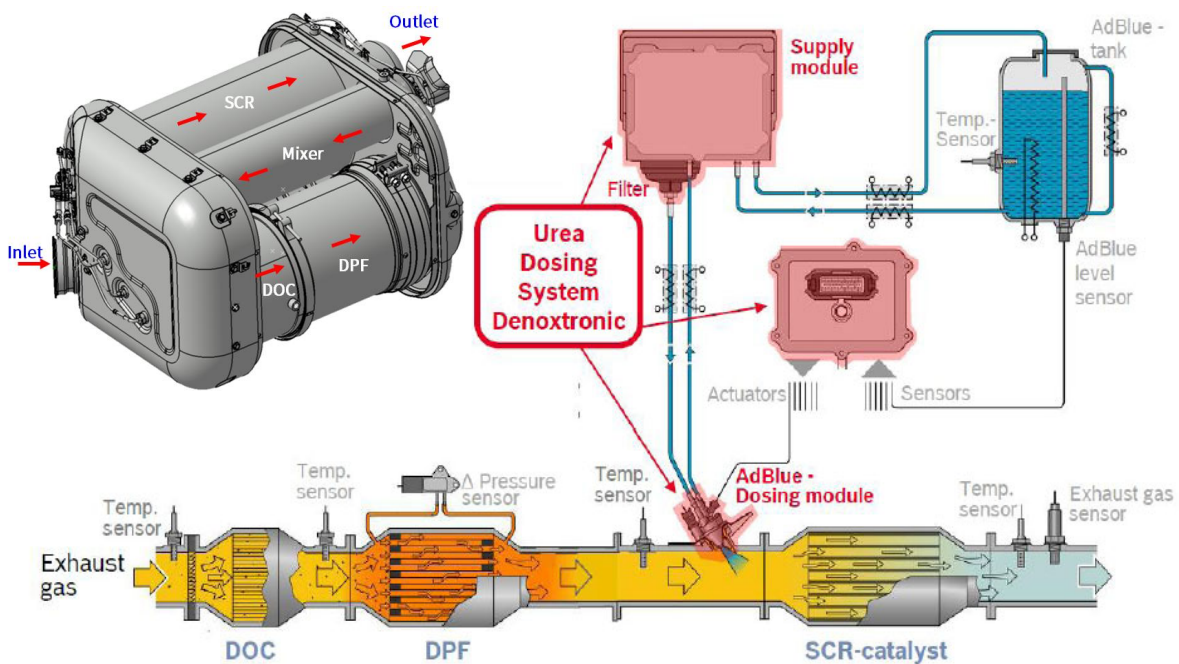
○ 221kW (300PS)



○ 250kW (340PS)



⊙ Aftertreatment System



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※ Specifications are subject to change without prior notice