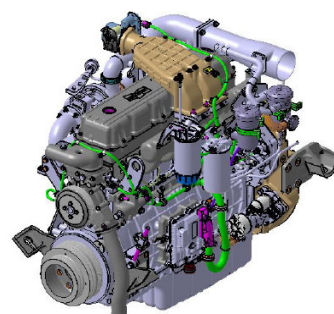


◎ Production Tolerance :  $\pm 5\%$

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

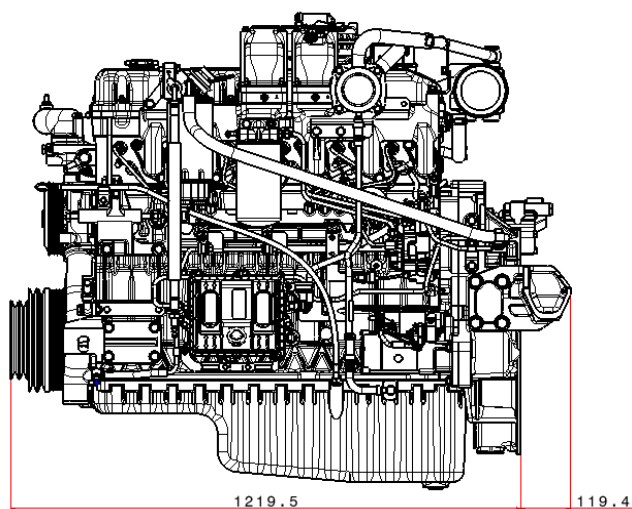
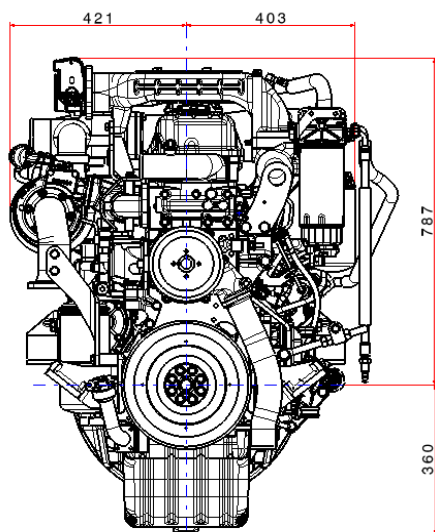
○ Lub. Method	Fully forced pressure feed Type
○ Oil pump	Gear Type driven by crankshaft
○ Oil filter	Full flow, Catridge Type
○ Oil pan capacity	High level 27 liters Low level 21 liters
○ Lub. Oil	API CJ-4 Grade, 10W30 or 10W40

◎ 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

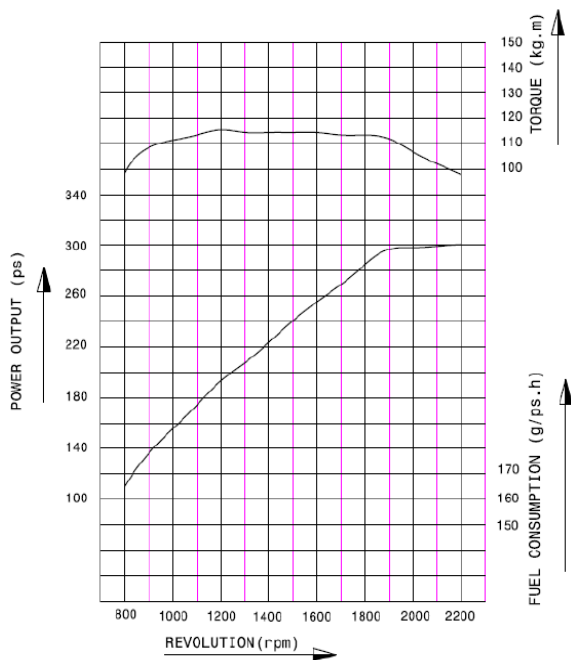
◎ Electrical System

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

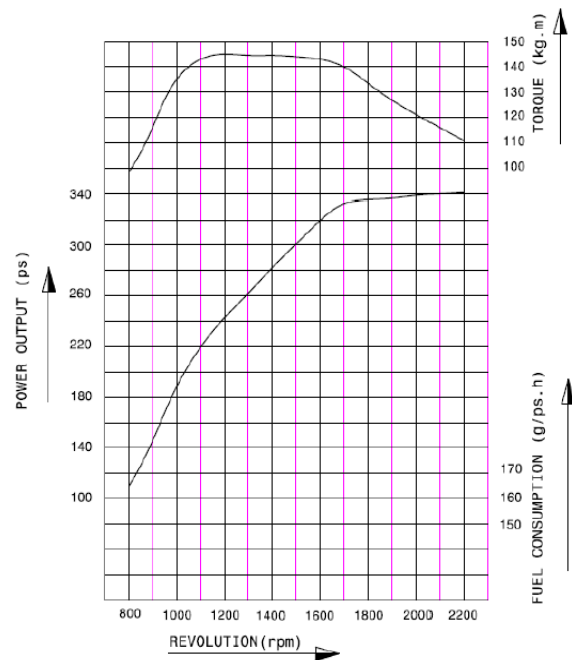


## ◎ Performance Curve

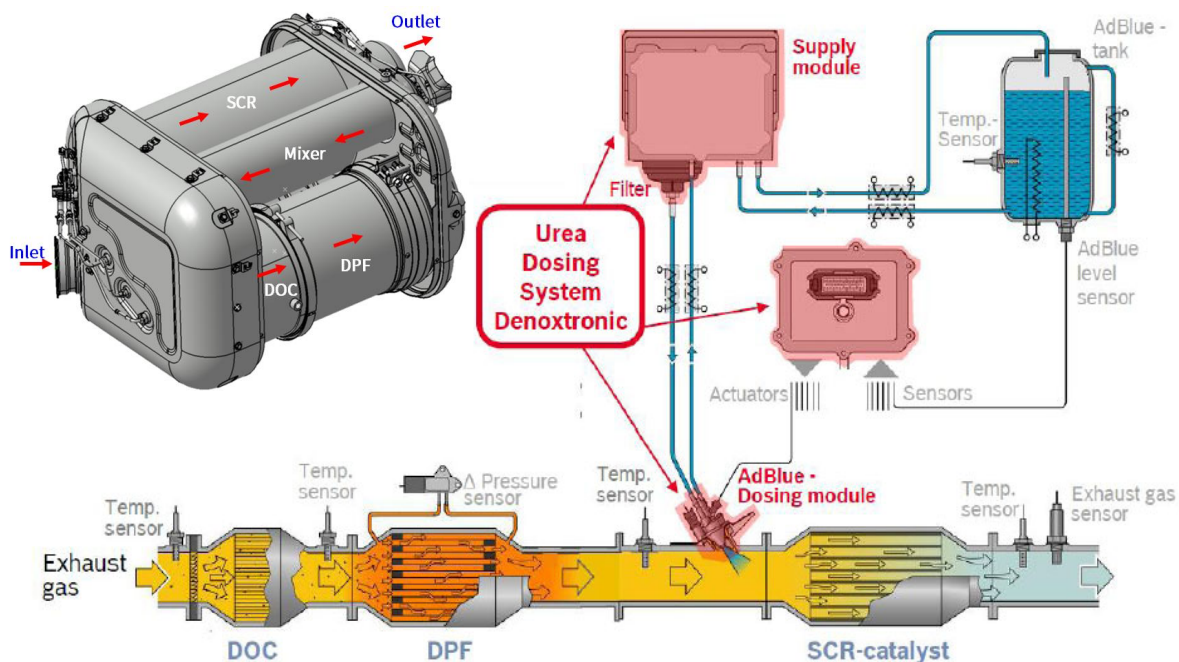
○ 221kW (300PS)



○ 250kW (340PS)



## ◎ Aftertreatment System



### Head office

7-11, Hwasu-dong, Dong-gu  
Incheon, 401-020, Korea  
TEL: 82 32 211 2903 FAX: 82 32 762 1522

### Bundang office

13F, HD Hyundai Group's Global R&D Center  
477, Bundangsuseo-ro, Seongnam-si