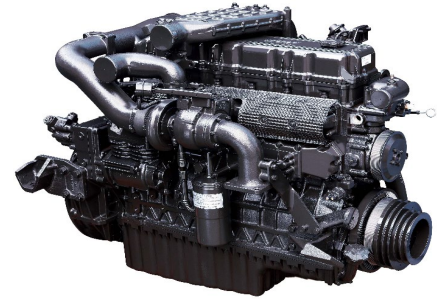


◎ Production Tolerance : ±5%

Intermittent rating kW(HP) / rpm	Max. torque N.m(kg.m) / rpm	Aftertreatment
199 (270) / 2200	981 (100) / 1200	SCR
221 (300) / 2200	1128 (115) / 1200	
250 (340) / 2200	1423 (145) / 1200	



◎ General Specification

○ Engine Model	DL08S
○ 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	7.6 L
○ Compression ratio	16.4 : 1
○ Firing order	1-5-3-6-2-4
○ Dry weight	836kg (Engine only)
○ Dimension	1214 x 801 x 1085 mm
○ Rotation	CCW viewed from Flywheel
○ Breather System	OCV
○ No Load Max Engine Speed	2,420 +10/-50rpm
○ No Load Min Engine Speed	600 +/- 10rpm
○ Flywheel Housing	SAE2
○ Flywheel Size	17 inch Push
○ Turbocharger	Waste Gate Valve
○ Air Compressor Capacity	440cc/rev (Dual)

◎ 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
○ Feed pump	GEAR TYPE
○ Injection nozzle	Multi hole Type
○ Fuel filter	Full flow, Catridge Type
○ Used fuel	Diesel fuel oil (S<0.05%)

◎ Lubrication System

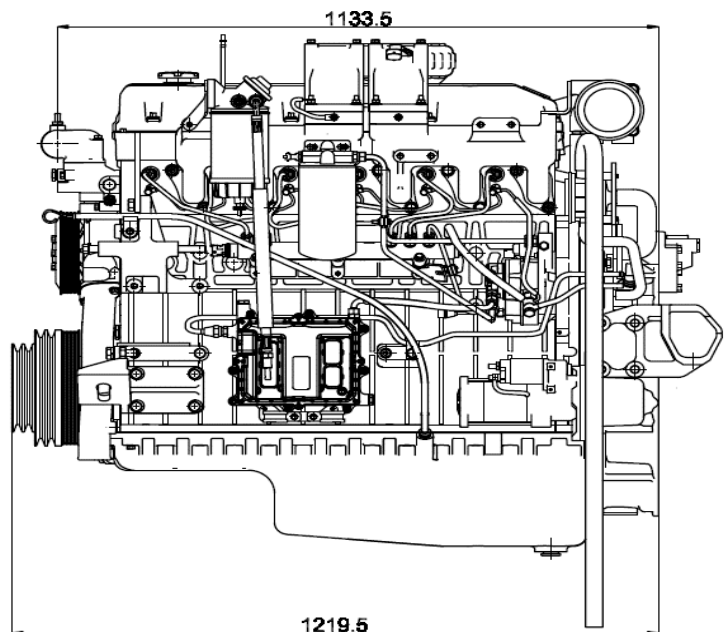
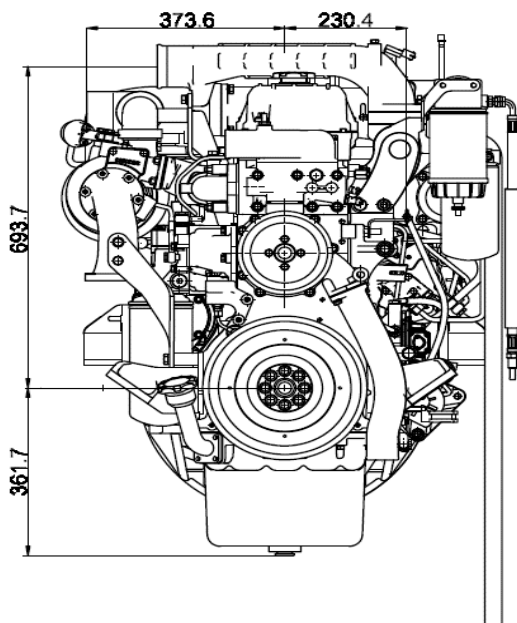
○ Lub. Method	Fully forced pressure feed Type
○ Oil pump	Gear Type driven by crankshaft
○ Oil filter	Full flow, Catridge Type
○ Oil pan capacity	High level 27 liters Low level 21 liters
○ Lub. Oil	Refer to Operation Manual

◎ Cooling System

○ Cooling method	Fresh water forced circulation
○ Water capacity	17.7 liters (Engine only)
○ Water pump Capacity	340 liters/min at 2,200rpm
○ Thermostat	Wax – Pellet Type

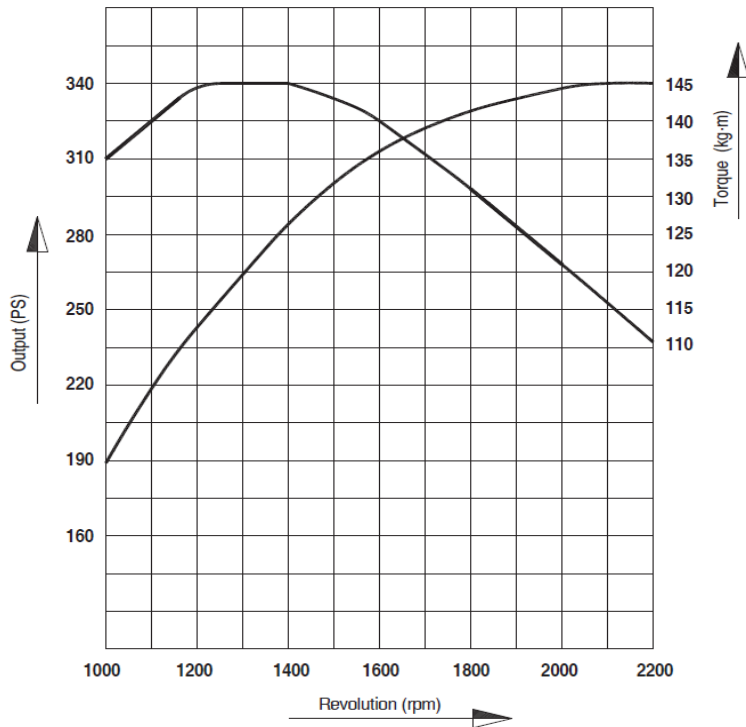
◎ Electrical System

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

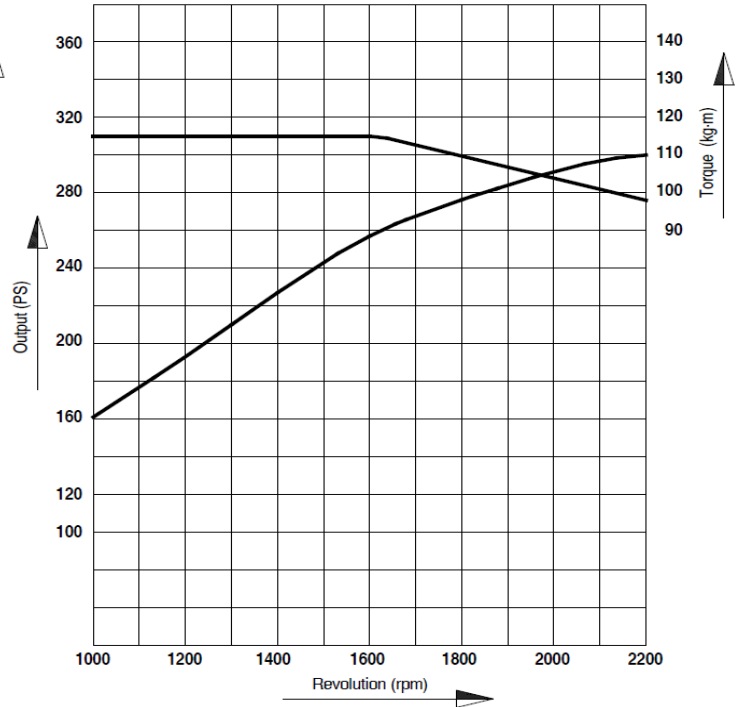


◎ Performance Curve

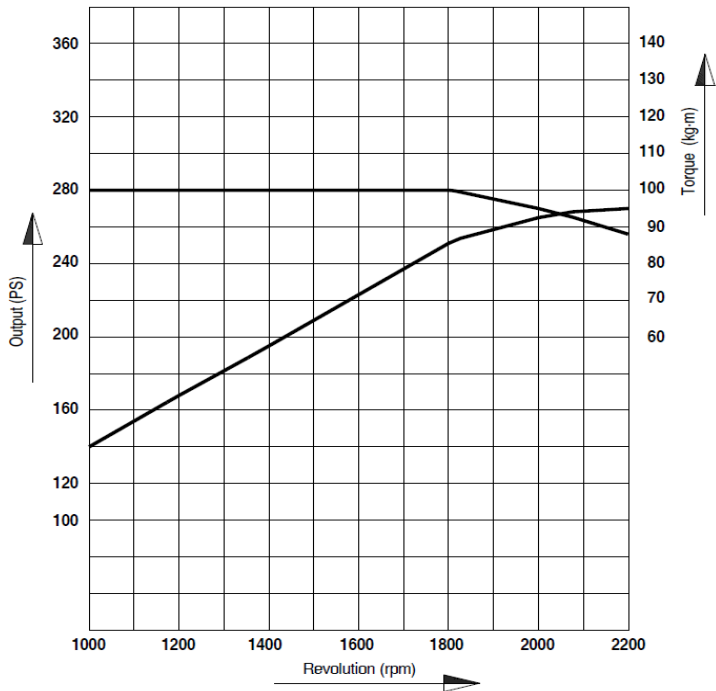
○ 250kW (340PS) / 145kg.m



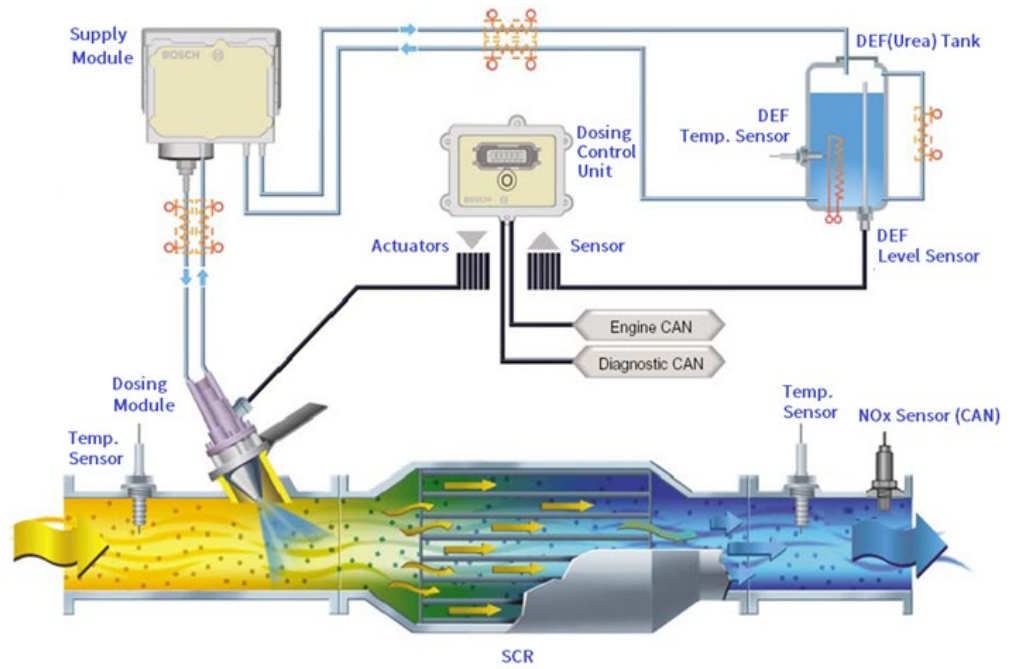
○ 221kW (300PS) / 115kg.m



○ 199kW (270PS) / 100kg.m



© Aftertreatment System



SCR : Selective Catalytic Reduction

HYUNDAI
DOOSAN INFRACORE

Head office

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

Bundang office

N-17F Bundang Doosan Tower, 155, Jeongjail-ro
Bundang-gu, Seongnam-si, Gyeonggi-do, Korea
TEL: 82 31 5179 4527 FAX: 82 31 5179 4599

※ Specifications are subject to change without prior notice