

◎ **Production Tolerance : ±5%**

Intermittent rating kW(HP) / rpm	Max. torque N.m(kg.m) / rpm	Aftertreatment
184 (250) / 2500	882 (90) / 1400	SCR
199 (270) / 2500	980 (100) / 1400	



◎ **General Specification**

○ Engine Model	DL06S
○ 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	100 x 125 mm
○ Displacement	5.9 L
○ Compression ratio	17.4 : 1
○ Firing order	1-5-3-6-2-4
○ Dry weight	606kg (Engine only)
○ Dimension	1106 x 973 x 827 mm
○ Rotation	CCW viewed from Flywheel
○ Breather System	OCV
○ No Load Max Engine Speed	2,725 +/-25rpm
○ No Load Min Engine Speed	600 +/- 25rpm
○ Flywheel Housing	OEM FLYWHL MTG PCD
○ Flywheel Size	17 inch Push
○ Turbocharger	Waste Gate Valve
○ Air Compressor Capacity	305cc/rev

◎ **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**

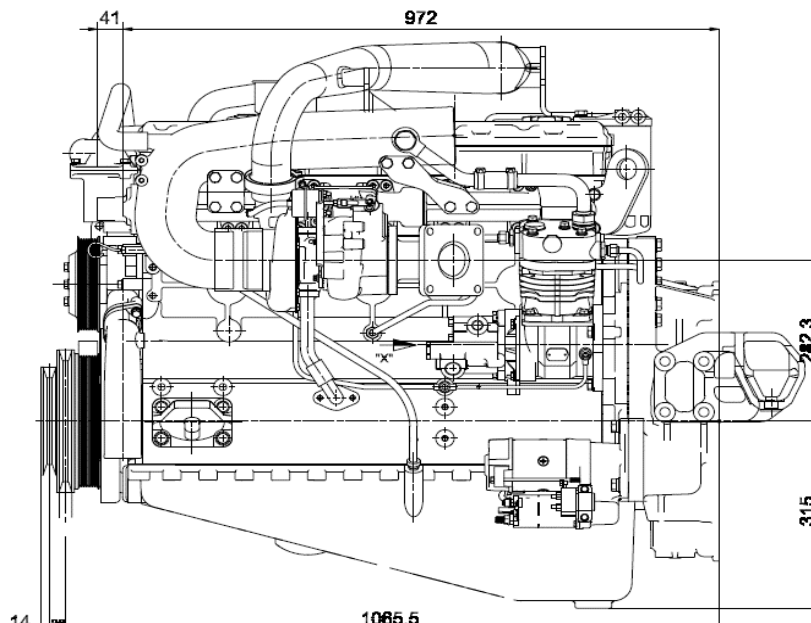
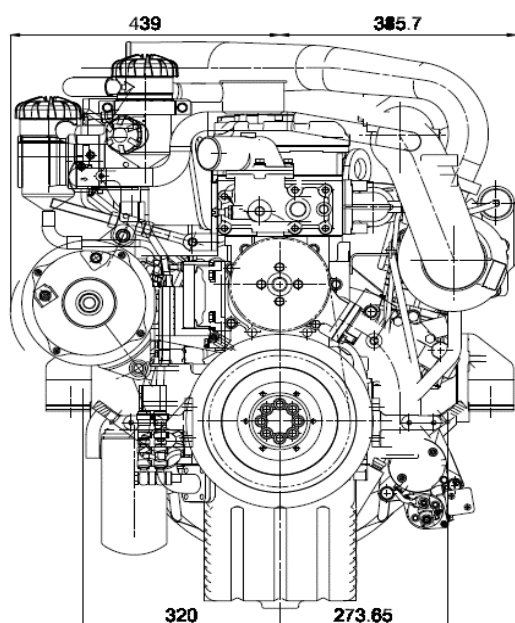
○ Lub. Method	Fully forced pressure feed Type
○ Oil pump	Gear Type driven by crankshaft
○ Oil filter	Full flow, Catridge Type
○ Oil pan capacity	High level 22 liters Low level 17 liters
○ Lub. Oil	Refer to Operation Manual

◎ **Cooling System**

○ Cooling method	Fresh water forced circulation
○ Water capacity	11.5 liters (Engine only)
○ Water pump Capacity	350 liters/min at 3,000rpm
○ Thermostat	Wax – Pellet Type

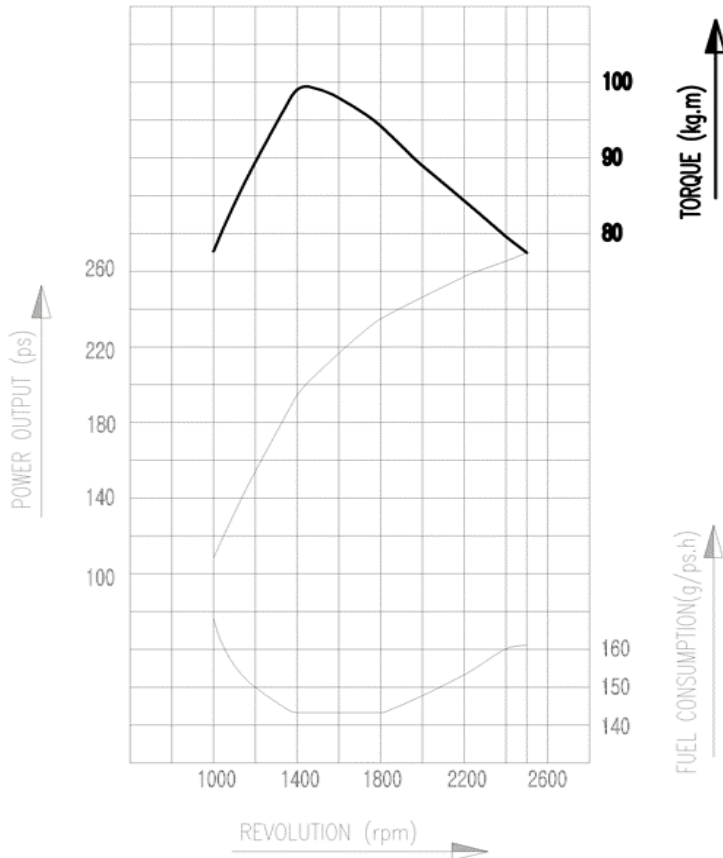
◎ **Electrical System**

○ Alternator	N/A (Vehicle Parts)
○ Starting motor	24V x 4.5kW
○ Battery Voltage	24V
○ Battery Capacity	150AH x 2ea (recommended)

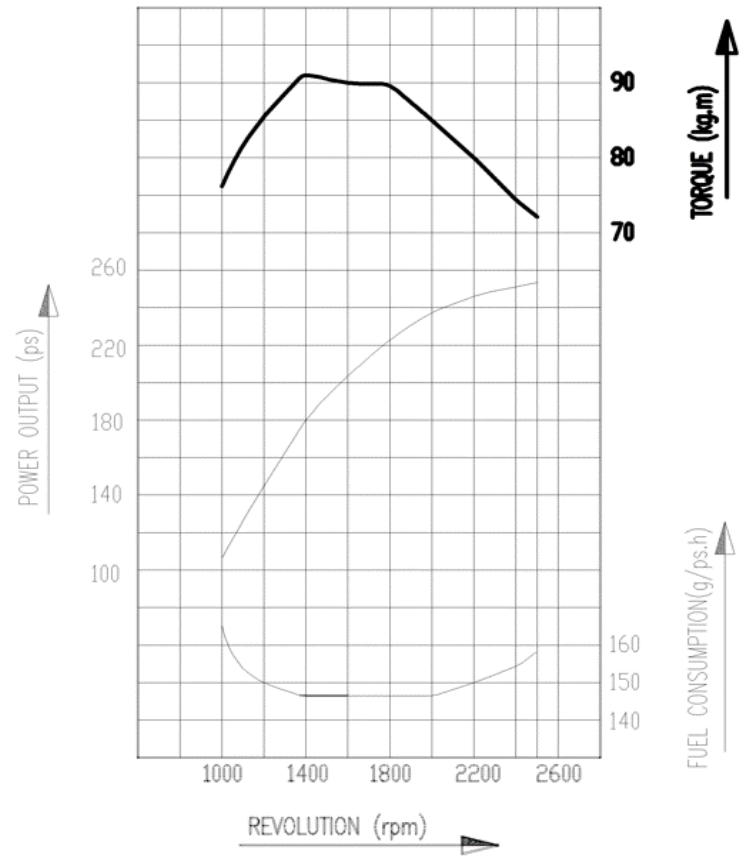


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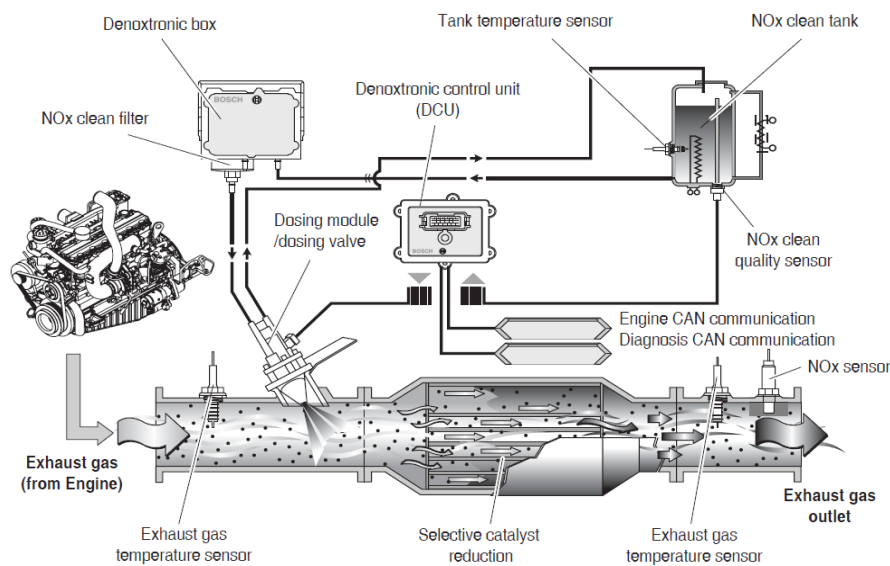
○ 199kW (270PS) / 100kg.m



○ 184kW (250PS) / 90kg.m



© Aftertreatment System



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