



Main Specification

| Model | Units | MD196TI |
|---------------------------------|--------------|--|
| Engine type | | 4cycle, In line, direct-injection, watercooled with wet turbo charger & inter-cooler |
| Rating output | PS(kW) / rpm | 320(235) / 2,000 |
| Displacement | cc | 11,051 |
| Cylinder number - bore × stroke | mm | 6 - 123×155 |
| Flywheel housing & fly wheel | | SAE 1 & 14 |
| Low idling rpm | rpm | 750 ± 50 |
| No load max. rpm | rpm | below 2,200 |
| Compression ratio | | 16.5 : 1 |
| Firing order | | 1 - 5 - 3 - 6 - 2 - 4 |
| Governor type of injection pump | | Mechanical variable speed (R.Q.V) |
| Fuel consumption(only Ref.) | g / PS.h | 158 |
| | Lit / h | 61 |
| Starting system | | Electric Starting by starter motor |
| Starter motor capacity | V - kW | 24 - 6.0 |
| Alternator capacity | V - A | 24 - 50 |
| Battery | V - Ah | 24 - 150 |
| Cooling system | | Indirect sea water cooling with heat exchanger |
| Cooling water capacity | Max. / Min. | lit 24 / 19 |
| Fresh water pump type | | Centrifugal type, driven by gear |
| Sea water pump type | | Rubber impeller type driven by gear |
| Lubricating oil(Engine) | Pan capacity | lit Max : 25, Min : 19 (Engine total : 27) |
| Direction of revolution | Crankshaft | Counter clockwise viewed from stern side |
| Engine Size(L×W×H) | Without M/G | mm 1,235×855×1,073 |
| Engine dry weight | Without M/G | kg 1,009 |

Engine Dimension

