

PRODUCT SPECIFICATIONS FOR 4.4TW2GM

POWER RATING

| | |
|-----------------------|-------------------|
| Minimum Power | 93.6 kW |
| Maximum Power | 106.8 kW |
| Maximum Torque | 623 Nm @ 1800 rpm |
| Rated Speed | 1500-1800 rpm |

GENERAL

| | |
|-----------------------------------|----------------------------------|
| Bore | 105 mm |
| Stroke | 127 mm |
| Displacement | 4.4 l |
| Aspiration | Turbocharged air to water cooled |
| Rotation from Flywheel End | Clockwise |
| Total Coolant Capacity | 15 l |
| Total Lubricating Capacity | 15 l |
| Combustion System | Direct injection |
| Cycle | 4 stroke |
| Compression Ratio | 19.3:1 |
| Number of Cylinders | 4 inline |
| Cooling System | Liquid |

ENGINE DIMENSIONS*

| | |
|----------------------------------|---------|
| Wet Weight | 522 kg |
| Dry Weight | 470 kg |
| Height | 1272 mm |
| Length - Flywheel Housing | 844 mm |
| Width | 754 mm |

DISCLAIMER

Note 1

Final dimensions dependent on selected options

4.4TW2GM STANDARD EQUIPMENT

AIR INLET SYSTEM

Air filter

Closed engine breather system

Water jacketed exhaust manifold

CONTROL SYSTEM

Electronic governor (control to ISO 8528 G3)

Wiring harness with 23 way connector

COOLING SYSTEM

Deaeration headertank

Gear driven fresh and auxiliary water pumps

Thermostatically controlled cooling water system

FUEL SYSTEM

Rotary fuel injection pump

Spin on fuel oil filter and separator

OIL SYSTEM

Flat bottomed cast iron sump

Spin on full flow lubrication oil filter with integral lubrication oil cooler on left side of engine