
PRODUCT SPECIFICATIONS FOR 4.4TWGM

POWER RATING

Minimum Power	75 kW
Maximum Power	82.7 kW
Maximum Torque	483 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	Anti-clockwise
Compression Ratio	19.3:1
Total Coolant Capacity	15 l
Combustion System	Direct injection
Cycle	4 stroke
Total Lubricating Capacity	15 l
Number of Cylinders	4 inline
Cooling System	Liquid

ENGINE DIMENSIONS*

Width	754 mm
Dry Weight	469 kg
Height	1272 mm
Length - Flywheel Housing	844 mm
Wet Weight	522 kg

DISCLAIMER

Note 1

Final dimensions dependent on selected options

4.4TWGM 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