

# Product Specifications for 415GM

<b>Minimum Power</b>	12.3 kW
<b>Maximum Power</b>	14.7 kW
<b>Rated Speed</b>	1500-1800 rpm
<b>Maximum Torque</b>	85.9 Nm @ 1500 rpm
<b>Emissions</b>	Meets EPA Tier 3, EU97/68/EU Stage IIIA
<b>Bore</b>	84 mm
<b>Stroke</b>	90 mm
<b>Displacement</b>	1.5 l
<b>Aspiration</b>	Naturally aspirated
<b>Rotation from Flywheel End</b>	Anti-clockwise
<b>Combustion System</b>	Indirect injection
<b>Number of Cylinders</b>	3 inline
<b>Total Lubricating Capacity</b>	6 l
<b>Cooling System</b>	Liquid
<b>Total Coolant Capacity</b>	8 l
<b>Cycle</b>	4 stroke

**Compression Ratio** 22.5:1

**Dry Weight** 206 kg

**Width** 566 mm

**Wet Weight** 213 kg

**Height** 672 mm

**Length - Flywheel Housing** 595 mm

**Note 1** Final dimensions dependent on selected options

## 415GM Standard Equipment

### Air inlet system

Mounted air filters

Fresh water cooled exhaust manifold incorporating header tank assembly

### Control system

12 volt starter motor and 12 volt 55 amp alternator with DC output

Clow plug cold start aid and heater/stopper switch

Glow plug cold start aid and heater/starter switch

Oil pressure and coolant temperature switches

## Cooling system

Fresh water heat exchanger cooled engine with gear driven self priming raw water pump and ceramic seals

Thermostatically controlled system with belt driven circulating pump

## Flywheels and flywheel housing

Flywheel housing SAE 4 long

High inertia flywheel to SAE J620 size 7½ heavy

## Fuel system

Electronically governed cassette type fuel injection pump

Single element fuel filter

## General

Front and rear mounting brackets

User's Handbook

## Oil system

Spin on, full flow lubricating oil filter

Wet steel sump with filler and dipstick

