

# **G-Drive Engine TD226B-3D**

## **General Specifications**

Bore & Stroke 105x120 mm

Displacement 3.12 L

Cylinder Number

Compression Ratio 15.5:1

Fuel System Mechanical Pump

Governor Method Mechanic/Electronic

Aspiration NA/T

Emission Standard EU Stage II



| Engine<br>Speed | Engine Output |              | Typical             | Engine | Engine Output |              | Typical             |
|-----------------|---------------|--------------|---------------------|--------|---------------|--------------|---------------------|
|                 | Prime(PRP)    | Standby(ESP) | Generator<br>Output | Speed  | Prime(PRP)    | Standby(ESP) | Generator<br>Output |
| (rpm)           | kW            | kW           | kWe/kVA             | (rpm)  | kW            | kW           | kWe/kVA             |
| 1500            | 45            | 50           | 30/37.5             | 1800   | 50            | 55           | 40/50               |

### **Standard Equipment**

### **Engine and block**

Cast iron gantry type structure block

One-piece forged crankshaft

Separate cast iron cylinder heads and wet liners

Aluminium alloy pistons with gallery oil cooling

### **Cooling system**

Thermostatically-controlled system with belt driven coolant pump and pusher fan

24Velectric system

### **Lubrication system**

Shutoff solenoid

Spin-on full-flow lub oil filter

## **Optional Equipment**

Special design connector for oil heater and drawing off oil pump

### **Fuel system**

In-line AD fuel injection pump

Duplex fine filter for better efficiency

### Air intake and exhaust system

High performance silencer as standard

Stainless steel exhaust manifold shield for heat isolating

### **Electrical system**

12V electric starter motors and battery charging alternator

Standard sensor connector

### Flywheel and housing

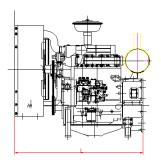
Flame preheating cold start

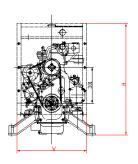
SAE3 flywheel housing and 11.5" flywheel

Tool kits

# **Dimensions and Weight**

|            | NA      | Т       |  |
|------------|---------|---------|--|
| Length     | 1091 mm | 1086 mm |  |
| Width      | 592 mm  | 592 mm  |  |
| Height     | 941 mm  | 941 mm  |  |
| Net Weight | 400kg   | 430 kg  |  |





Spare parts