

**TECHNICAL DATA**

**50 Hz**

Toyota / IMT  
Naturally Aspirated  
4  
In line  
1,500 1/min.  
2,237 cm<sup>3</sup>  
91 mm  
86 mm  
10.5:1  
182 kg  
Electronic  
Counter Clockwise

20 kW

dry  
97.2 kg/h  
570 C°  
10 kPa  
46 I.D. mm

Electrical  
70 Amps  
12 Volts  
12 Volts  
1.3 kW  
85 Ah (630 CCA)  
Negative

11.7 L  
12 L  
spin on cartridge

**Engine Data**

Manufacturer  
Aspiration  
Cylinder  
Cylinder arrangement  
Rated Speed  
Displacement (cm<sup>3</sup>)  
Bore (mm)  
Stroke (mm)  
Compression Ratio  
Engine weight dry (kg)  
Governour Type  
Rotation viewed from Flywheel

**Power Rating\* LPG**

Continous Power (COP)

**Exhaust System**

Exhaust manifold type  
Exhaust flow rate at rated kW  
Exhaust temperature at rated kW, dry  
Maximum allowable back pressure  
Exhaust outlet size at exhaust flange

**Engine Electrical**

Ignition system  
Battery charging alternator  
System voltage  
Starter Motor  
Starter Motor  
Battery power minimum  
Ground

**Lubrication System**

Oil pan capacity  
Oil pan capacity incl. filter  
Oil filter

**60 Hz**

Toyota / IMT  
Naturally Aspirated  
4  
In line  
1,800 1/min.  
2,237 cm<sup>3</sup>  
91 mm  
86 mm  
10.5:1  
182 kg  
Electronic  
Counter Clockwise

25 kW

dry  
118.8 kg/h  
605 C°  
10 kPa  
46 I.D. mm

Electrical  
70 Amps  
12 Volts  
12 Volts  
1.3 kW  
85 Ah (630 CCA)  
Negative

11.7 L  
12 L  
spin on cartridge

\* power rating is based on ISO3046 net power at flywheel with cooling fan or alternator loss.  
The preceding values may vary with temperature, pressure, application installation.  
All technical data are subject to change due to technical/installation changes.



**TECHNICAL DATA**

**50 Hz**

1.37 m<sup>3</sup>/min  
0.71 m<sup>3</sup>/sec

1:1.2  
77 °C +/- 1.5°C  
30 L/min  
15 kWh  
4.8 L  
7.7 L  
410 mm  
centrifugal

LP Gas or Natural Gas  
1/2" G  
4 kPa

Min. 92 vol %  
Max. 4.5 vol %  
Min. 1.0 vol %/ Max. 87 vol %  
Min. 0.1 vol %/ Max. 5.0 vol %  
Min. 0.3 vol %/ Max. 2.5 vol %  
Max. 25 ppm mass  
Min. 33.2 MJ/m<sup>3</sup>  
Max. 84.2 MJ/m<sup>3</sup>

5.1 kg/h  
4.3 kg/h  
3.4 kg/h

5.5 kg/h  
4.6 kg/h  
3.7 kg/h

93 MJ/m<sup>3</sup>

**Air Requirements**

Combustion air  
Radiator cooling air

**Cooling system**

Engine: Water pump ratio  
Thermostat open  
Water pump flow  
Heat rejected to cooling water (dry exhaust)  
Coolant volume engine only  
Coolant volume engine + radiator  
Fan diameter  
Water pump type

**Fuel system**

Fuel type  
Fuel supply line  
Fuel supply pressure  
Fuel composition limits:  
Methane  
Ethane  
Propane  
Propene  
C4 and higher  
Sulfur  
Lower heating value (Min.)  
Lower heating value (Max.)

**Fuel Consumption**

Gas Type: LPG  
100%  
75%  
50%

Gas Type: NG  
100%  
75%  
50%

Nominal fuel rating LP vapor

**60 Hz**

1.63 m<sup>3</sup>/min  
0.85 m<sup>3</sup>/sec

1:1.2  
43° C +/- 1.5°C  
43 L/min  
19 kWh  
4.8 L  
7.7 L  
410 mm  
centrifugal

LP Gas or Natural Gas  
1/2" G  
4 kPa

Min. 92 vol %  
Max. 4.5 vol %  
Min. 1.0 vol %/ Max. 87 vol %  
Min. 0.1 vol %/ Max. 5.0 vol %  
Min. 0.3 vol %/ Max. 2.5 vol %  
Max. 25 ppm mass  
Min. 33.2 MJ/m<sup>3</sup>  
Max. 84.2 MJ/m<sup>3</sup>

5.1 kg/h  
4.3 kg/h  
3.4 kg/h

5.5 kg/h  
4.6 kg/h  
3.7 kg/h

93 MJ/m<sup>3</sup>

