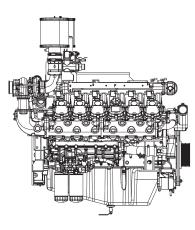
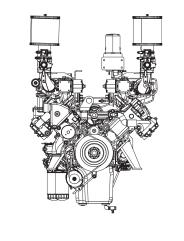


MESA SOLUTIONS **GV22PU**

1063R2_9.17.24







| Fuel System/Emission Controls | | | | | | | | |
|-------------------------------|--|--|--|--|--|--|--|--|
| Catalyst Type | TWC, ceramic | | | | | | | |
| Catalyst Inlet Size | 4 in | | | | | | | |
| Fuel Supply System | Venturi mixer | | | | | | | |
| Engine Control System | Wooward, SECM70 | | | | | | | |
| Fuel System | Air-fuel Mixer with Throttle Valve Control | | | | | | | |
| Emissions Certificate | RMSAB22.0V22-001 | | | | | | | |
| Fuels | NG, LP (700-1800BTU) | | | | | | | |

*Figures based on pipeline quality gas.

| Base Engine | | | | Oiling System | | | | Engine Timing | |
|---------------------------------|--|----------------------------|------------------------------|-----------------------------|--------------------|------------------------------|---|---------------------------------|------------------------|
| Configuration | 12 Cylinder - V Type - Configuration 4 Cycle | | 128 mm | Lubricating Oil Capacity | | 40 Liters | | Valve Clearand cold, intake | e, |
| Conngaration | | Stroke | 142 mm | Oil Cooler Type | | Water-cooled | | (mm) | 0.3 ± 0.05 |
| Aspiration | Turbo Charged and Intercooled | Timing gear system | Gear Driven Type | | | 15@-40 Low Ash Natural | | Valve Clearand cold, exhaust | ie, |
| | 1-12-5-8-3-10-6-7-2- | | Cylinder liner type Wet Type | | | | gas engine oil, 0.25- 0.5% ash by wt%, API | | 0.4+/-0.05 |
| Firing Order | 11-4-9 | Base Engine Size | 1955 (L) x 1290 (W) x | Oil Specification | | CD/CF or higher | | Intake valve | |
| Displacement | 21,927 сс | (LxWxH) (mm) | 1710 (H) | Lubrication Metho | d Pressurized Circ | | culation | Opening | 24° BTDC |
| Fuel Type | Propane (LP), Natural Gas (NG), Field Gas | Cooling System | | Oil Pump Type | | External Spur Gear Type | | Intake valve closing | 36° ABDC |
| Combustion | Spark-Ignited | Cooling System | Water-cooled/Radiator | Oil Pressure at Lov | v Idle | 1 Bar | | Exhaust valve | |
| Direction of Rotation | | Engine Coolant Capacity | 45 Liters | Oil Pressure at High Idle | | 3 Bar | | opening Exhaust valve | 63° BBDC |
| (Viewed from Flywheel Side) | Counterclockwise | System Capacity | 189 Liters | Oil Filter Type | | Full Flow, Cartrid | lge Type | | 27° ATDC |
| Compression Ratio | 10:2:1 | Water Pump | Centrifugal, Pulley | Ignition/Electrical | | | | | |
| Exhaust Manifold Type | Water-cooled | Туре | Driven | | Irrio | dium/Platinum | | | One Coil per |
| Flywheel Housing | SAE No. 1 | Thermostat Type | Unit (wax-pellet) | Spark Plug Type | | ectrode Plug | Ignition | Туре | Cylinder |
| Flywheel | No. 14 | Thermostat | Cracking 71° C (160° F) | Standard Spark | | | | Voltage | 24 Volts |
| Dry Weight (Fan to Flywheel) | 1510 Kg | Operating Temp Range | Full Open 85° C (185° F) | Plug Gap Ignition Timing | | 0.3~0.4 mm trolled by ECM | Ignition | Coil | Indictive Coil Pack |