

# GF-P165-5-0995 Generator



|                              |                    |
|------------------------------|--------------------|
| Output Prime kVA             | 150                |
| Output Prime kW              | 120                |
| Enclosure Type               | CAL/G Metal Canopy |
| Fuel Capacity (L)            | 394                |
| Fuel Cons L/hr 100% Prime    | 32.4               |
| Run HRs 100% Prime           | 12.2               |
| Fuel Cons. @ 75% Load (L/Hr) | 25.0               |
| Fuel Cons. 50% Load (L/Hr)   | 16.7               |
| Bunded                       | Yes                |

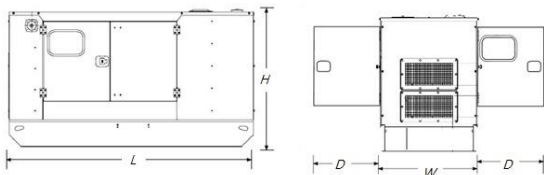
## Generator Configuration

|                      |              |
|----------------------|--------------|
| Voltage              | 415          |
| Control Panel        | Comap MRS-16 |
| Base Tank Type       | Bunded-FB6   |
| Circuit Breaker      | 4 Pole       |
| Mains Charger        | Yes          |
| Lifting Frame        | Yes          |
| Forklift Pocket Skid | Yes          |
| Water Jacket Heater  | No           |

## Alternator Data

|                       |             |
|-----------------------|-------------|
| Alternator Brand      | LeRoy Somer |
| Alternator Model      | LL3114J     |
| Prime Amps per $\phi$ | 208         |
| AVR Model             | R250        |
| Volt Reg              | +/- 0.5%    |
| Insulation Class      | H           |
| Winding Pitch         | 2/3         |
| Excitation            | Shunt       |
| Frequency (Hz)        | 50          |

|        |        |       |        |
|--------|--------|-------|--------|
| LENGTH | 3515mm | WIDTH | 1126mm |
| HEIGHT | 1968mm | DOOR  | 1015mm |
| WEIGHT | 2270kg |       |        |



## Engine Data

|                       |                          |
|-----------------------|--------------------------|
| Engine Brand          | Perkins                  |
| Engine Model          | 1106A-70TAG2             |
| Number of Cylinders   | 6 - In Line              |
| Governor              | Electronic               |
| Induction             | Turbo Air to Air Charged |
| Compression ratio     | 16.0:1                   |
| Displacement          | 7.00                     |
| Alternator Charge Amp | 85                       |
| Filter Type (Fuel)    | Replaceable Element      |
| Fuel Class            | A2 Diesel                |
| Air Filter Type       | Replaceable Element      |
| Oil Filter Type       | Spin-On, Full Flow       |
| Total Oil Capacity    | 16.50                    |
| Oil Type              | API CH4 / CI4 15W-40     |

## Prime Rating

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

## Standard Reference Conditions

Note: Standard reference conditions 25°C Air Inlet Temp, 100m MASL, 30% Relative Humidity, dB(A) are free field.

|                                       |        |
|---------------------------------------|--------|
| Mains Failure Transfer Panel (Option) | AT1250 |
| Noise (dBA) @ 1m 100% Load            | 80     |
| Noise (dBA) @ 1m 75% Load             | 79     |
| Noise (dBA) @ 7m 100% Load            | 69     |
| Noise (dBA) @ 7m 75% Load             | 68     |

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