

300.0 kVA VOLVO-PENTA GENERATOR

FEATURES & BENEFITS

- Maximum 330.0 kVA, 400 V, 1500 RPM
- Industrial brushless alternator with AVR
- Steel baseframe, retention basin & fuel tank with sensor
- 400 litre tank for 8 hrs @ 75% Load
- Test report, manuals and electrical drawings supplied
- Modular design, open and silent version available
- Industrial silencer and coupling flange
- Electrical panel mounted on board the unit with digital control device installed in metal box
- Compact for easy handling and use
- World wide after sales service and technical support



| GENERAL DATA | |
|--------------------------------|-----------|
| Model: | V315GXHD |
| Continuous power (PRP): | 300.0 kVA |
| Continuous power (PRP): | 240.0 kW |
| Stand-by power (LTP): | 330.0 kVA |
| Stand-by power (LTP): | 264.0 kW |
| Power factor: | 0.8 |
| Frequency (Hz): | 50 Hz |
| Voltage (V): | 400 V |
| Width: | N/D mm |
| Length: | N/D mm |
| Height: | N/D mm |
| Weight: | 0 kgs |
| Tank Capacity: | 400 l |
| dBA @ 7m: | N/A |

| ALTERNATOR | |
|------------------------------|---------------------------|
| Alternator brand: | STAMFORD |
| Alternator model: | S4L1D-D |
| L.T.P. Power: | 330.0 kVA |
| P.R.P. Power: | 300.0 kVA |
| Connection: | Series star |
| Phases: | Three phases with neutral |
| Terminal Number: | 12 |
| IP Protection: | 23 |
| Alternate Alternator: | STAMFORD / HCI4D |

| ENGINE DATA | |
|---------------------------------|-------------------------------|
| Brand: | VOLVO-PENTA |
| Model: | TAD1341GE |
| Cylinders: | 6 |
| RPM: | 1500 |
| Cubic Capacity: | 12.78 |
| Air Intake: | Turbocharged |
| Standard Voltage: | 24 |
| SAE: | 1-14 |
| BMEP: | 1800 |
| Cooling: | Water |
| Flywheel P.R.P. Power: | 271.0 kW |
| Flywheel Stand-by Power: | 298.0 kW |
| Oil Qty: | 36.0 l |
| Antifreeze Qty: | 24.0 l |
| Heat from Radiator: | 124.0 kW |
| Heat from Exhaust: | 187.0 kW |
| Exhaust Temperature: | 405 °C |
| Cooling Airflow: | 0.00 m ³ /min |
| Combustion Airflow: | 22.70 m ³ /min |
| Exhaust Airflow: | 0.00 m ³ /min |
| TA Luft / TA Luft 2: | Not available / Not available |
| Stage: | Stage 2 |

| FUEL CONSUMPTION | |
|----------------------------|----------|
| Fuel Cons. at 110%: | 67.8 l/h |
| Fuel Cons. at 100%: | 61.6 l/h |
| Fuel Cons. at 75%: | 47.2 l/h |
| Fuel Cons. at 50%: | 32.6 l/h |
| Fuel Cons. at 25%: | 18.6 l/h |

* Specs subject to change without prior notice.
 * Measurements based on ISO8528-1 Standards
 * Picture may vary from actual product.

Maputo, Moçambique

+258 85 176 3143

comercial@cobalt.co.mz

www.cobalt.co.mz