

410.0 kVA VOLVO-PENTA GENERATOR

FEATURES & BENEFITS

- Maximum 450.0 kVA, 400 V, 1500 RPM
- Industrial brushless alternator with AVR
- Steel baseframe, retention basin & fuel tank with sensor
- 400 litre tank for 6 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:	V415GXHD
Continuous power (PRP):	410.0 kVA
Continuous power (PRP):	328.0 kW
Stand-by power (LTP):	450.0 kVA
Stand-by power (LTP):	360.0 kW
Power factor:	0.8
Frequency (Hz):	50 Hz
Voltage (V):	400 V
Width:	1300 mm
Length:	4000 mm
Height:	2130 mm
Weight:	3530 kgs
Tank Capacity:	400 l
dBA @ 7m:	N/A

ALTERNATOR

Alternator brand:	STAMFORD
Alternator model:	S4L1D-F
L.T.P. Power:	450.0 kVA
P.R.P. Power:	410.0 kVA
Connection:	Series star
Phases:	Three phases with neutral
Terminal Number:	12
IP Protection:	23
Alternate Alternator:	STAMFORD / HCI4F

ENGINE DATA

Brand:	VOLVO-PENTA
Model:	TAD1344GE
Cylinders:	6
RPM:	1500
Cubic Capacity:	12.78
Air Intake:	Turbocharged
Standard Voltage:	24
SAE:	1-14
BMEP:	2300
Cooling:	Water
Flywheel P.R.P. Power:	354.0 kW
Flywheel Stand-by Power:	389.0 kW
Oil Qty:	36.0 l
Antifreeze Qty:	24.0 l
Heat from Radiator:	143.0 kW
Heat from Exhaust:	243.0 kW
Exhaust Temperature:	440 °C
Cooling Airflow:	0.00 m³/min
Combustion Airflow:	27.00 m³/min
Exhaust Airflow:	0.00 m³/min
TA Luft / TA Luft 2:	Not available / Not available
Stage:	Stage 2

FUEL CONSUMPTION

Fuel Cons. at 110%:	90.3 l/h
Fuel Cons. at 100%:	81.8 l/h
Fuel Cons. at 75%:	62.3 l/h
Fuel Cons. at 50%:	42.1 l/h
Fuel Cons. at 25%:	23.1 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