

105.0 kVA DEUTZ GENERATOR

FEATURES & BENEFITS

- Maximum 111.0 kVA, 400 V, 1500 RPM
- Industrial brushless alternator with AVR
- Steel baseframe, retention basin & fuel tank with sensor
- 160 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:	D100GXHD
Continuous power (PRP):	105.0 kVA
Continuous power (PRP):	84.0 kW
Stand-by power (LTP):	111.0 kVA
Stand-by power (LTP):	88.8 kW
Power factor:	0.8
Frequency (Hz):	50 Hz
Voltage (V):	400 V
Width:	1040 mm
Length:	2560 mm
Height:	1805 mm
Weight:	1460 kgs
Tank Capacity:	160 l
dBa @ 7m:	67.0 dBA

ALTERNATOR	
Alternator brand:	MARELLI
Alternator model:	MJB225MA4
L.T.P. Power:	116.0 kVA
P.R.P. Power:	105.0 kVA
Connection:	Series star
Phases:	Three phases with neutral
Terminal Number:	12
IP Protection:	23
Alternate Alternator:	STAMFORD / UCI274C

ENGINE DATA	
Brand:	DEUTZ
Model:	BF4M1013EC
Cylinders:	4
RPM:	1500
Cubic Capacity:	4.80
Air Intake:	Turbocharged
Standard Voltage:	12
SAE:	2-11 $\frac{1}{2}$
BMEP:	1713
Cooling:	Water
Flywheel P.R.P. Power:	92.8 kW
Flywheel Stand-by Power:	97.8 kW
Oil Qty:	13.0 l
Antifreeze Qty:	17.2 l
Heat from Radiator:	65.8 kW
Heat from Exhaust:	68.8 kW
Exhaust Temperature:	490 °C
Cooling Airflow:	90.00 m ³ /min
Combustion Airflow:	0.00 m ³ /min
Exhaust Airflow:	16.75 m ³ /min
TA Luft / TA Luft 2:	Not available / Not available
Stage:	Stage 2

FUEL CONSUMPTION	
Fuel Cons. at 110%:	25.7 l/h
Fuel Cons. at 100%:	24.2 l/h
Fuel Cons. at 75%:	18.3 l/h
Fuel Cons. at 50%:	12.8 l/h
Fuel Cons. at 25%:	7.7 l/h

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