

680.0 kVA DOOSAN GENERATOR

FEATURES & BENEFITS

- Maximum 750.0 kVA, 400 V, 1500 RPM
- Industrial brushless alternator with AVR
- Steel baseframe, retention basin & fuel tank with sensor
- 950 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



ABB

VISA

GENERAL DATA	
Model:	DS685GO
Continuous power (PRP):	680.0 kVA
Continuous power (PRP):	544.0 kW
Stand-by power (LTP):	750.0 kVA
Stand-by power (LTP):	600.0 kW
Power factor:	0.8
Frequency (Hz):	50 Hz
Voltage (V):	400 V
Width:	1840 mm
Length:	4500 mm
Height:	2280 mm
Weight:	4680 kgs
Tank Capacity:	950 l
dBa @ 7m:	72.0 dBA

ALTERNATOR	
Alternator brand:	MARELLI
Alternator model:	MJB355MA4
L.T.P. Power:	750.0 kVA
P.R.P. Power:	680.0 kVA
Connection:	Series star
Phases:	Three phases with neutral
Terminal Number:	12
IP Protection:	23
Alternate Alternator:	STAMFORD / HCI5F

ENGINE DATA	
Brand:	DOOSAN
Model:	DP222LBF
Cylinders:	12
RPM:	1500
Cubic Capacity:	21.93
Air Intake:	Turbocharged
Standard Voltage:	24
SAE:	1-14
BMEP:	2200
Cooling:	Water
Flywheel P.R.P. Power:	580.0 kW
Flywheel Stand-by Power:	640.0 kW
Oil Qty:	42.0 l
Antifreeze Qty:	23.0 l
Heat from Radiator:	435.0 kW
Heat from Exhaust:	602.0 kW
Exhaust Temperature:	481 °C
Cooling Airflow:	860.00 m ³ /min
Combustion Airflow:	42.20 m ³ /min
Exhaust Airflow:	101.00 m ³ /min
TA Luft / TA Luft 2:	Not available / Not available
Stage:	Not available

FUEL CONSUMPTION	
Fuel Cons. at 110%:	162.7 l/h
Fuel Cons. at 100%:	147.1 l/h
Fuel Cons. at 75%:	109.2 l/h
Fuel Cons. at 50%:	73.0 l/h
Fuel Cons. at 25%:	39.2 l/h

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