

450.0 kVA DOOSAN GENERATOR

FEATURES & BENEFITS

- Maximum 495.0 kVA, 400 V, 1500 RPM
- Industrial brushless alternator with AVR
- Steel baseframe, retention basin & fuel tank with sensor
- 950 litre tank for 13 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:	DS455GXHD
Continuous power (PRP):	450.0 kVA
Continuous power (PRP):	360.0 kW
Stand-by power (LTP):	495.0 kVA
Stand-by power (LTP):	396.0 kW
Power factor:	0.8
Frequency (Hz):	50 Hz
Voltage (V):	400 V
Width:	1840 mm
Length:	4500 mm
Height:	2540 mm
Weight:	5130 kgs
Tank Capacity:	950 l
dBa @ 7m:	72.0 dBA

ALTERNATOR	
Alternator brand:	MARELLI
Alternator model:	MJB315MB4
L.T.P. Power:	495.0 kVA
P.R.P. Power:	450.0 kVA
Connection:	Series star
Phases:	Three phases with neutral
Terminal Number:	12
IP Protection:	23
Alternate Alternator:	STAMFORD / HCI5C

ENGINE DATA	
Brand:	DOOSAN
Model:	DP158LCF
Cylinders:	8
RPM:	1500
Cubic Capacity:	14.62
Air Intake:	Turbocharged
Standard Voltage:	24
SAE:	1-14
BMEP:	2340
Cooling:	Water
Flywheel P.R.P. Power:	392.0 kW
Flywheel Stand-by Power:	450.0 kW
Oil Qty:	24.0 l
Antifreeze Qty:	20.0 l
Heat from Radiator:	261.0 kW
Heat from Exhaust:	393.0 kW
Exhaust Temperature:	529 °C
Cooling Airflow:	700.00 m ³ /min
Combustion Airflow:	33.10 m ³ /min
Exhaust Airflow:	88.00 m ³ /min
TA Luft / TA Luft 2:	Not available / Not available
Stage:	Not available

FUEL CONSUMPTION	
Fuel Cons. at 110%:	110.9 l/h
Fuel Cons. at 100%:	99.6 l/h
Fuel Cons. at 75%:	72.9 l/h
Fuel Cons. at 50%:	48.9 l/h
Fuel Cons. at 25%:	27.6 l/h

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