500Kva /36

GENSET FEATURES

Dual speed 50Hz 415V / 60 Hz 440V.

Double dipped Alternator.

Spark Arrestor muffler.

Battery isolator switch.

4 poles motorized circuit breaker with electronic release device.

Earth leakage device.

Earth leakage relay bypass.

DEIF AGC 3 controller.

Local & Remote start facility.

Synchronising facility.

Fuel tank inspection hatch.

5 pole hard wire connections.

Emergency stop button.

Audible warning alarm.

Central lifting eye.

Fork lift pockets.

Lube oil drain pump.

Coolant drain pipe.

Fuel/ water separator.

3 way fuel change over valve.

Owners manual.

GenSet
Power & Welding

BS EN ISO 9001 : 2000

MOTOGENERATORE
GENERATING SET

MG 550 SS-V

MANUALE D'ISTRUZIONE
OWNERS MANUAL

MI277-04-00-00
Maggio 2006

1. CARATTERISTICHE TECNICHE / TECHNICAL SPECIFICATIONS

1.1 GENERATORE / GENERATOR

Tipo	Sincrono / Synchronous	Type
Potenza trifase (d'emergenza) **(*)**	550 kVA 415/240 V	Three phase stand-by power **(*)**
Potenza trifase (continua) **(**)**	500 kVA 415/240 V	Three phase prime power **(**)**
Potenza monofase	167 kVA 240 V	Single phase power
Frequenza	50 Hz	Frequency
Cos φ	0,8	Cos φ
Classe isolamento	F	Insulation class
Grado di protezione	IP 23	Mechanical protection

1.2 MOTORE / ENGINE

Tipo motore	VOLVO Penta TAD 1641 GE	Make/Type
Numero cilindri	6	Number of cylinders
Cilindrata	16120 cm^3	Displacement
Potenza	473 kW	Power
Velocità	1500 r.p.m.	Engine speed
Raffreddamento	Acqua – Water	Cooling
Carburante	Diesel	Fuel
Capacità coppa olio	48 l	Oil sump capacity
Avviamento	Elettrico – Electric	Starting system
Consumo specifico (carico al 75%)	196 g / kWh	Specific fuel consumption (75% load)

(*) Potenza per impiego d'emergenza secondo DIN 6271 B.

(**) Potenza per servizio continuo 24 ore su 24 sovraccaricabile del 10% per 1 ora ogni 12 ore secondo DIN 6271-A e ISO 3046-I.

(*) Stand-by power: an emergency situation according to DIN 6271 B.

(**) Prime power: maximum continuous power with an intermittent 10% overload capacity accordind to DIN 6271-A and ISO 3046-I

1.3 CARATTERISTICHE GENERALI / GENERAL FEATURES

Potenza acustica	95 Lwa	Noise level
Batteria	2 x 200 Ah – 12 V	Battery
Capacità serbatoio carburante	807 l	Fuel tank capacity
Autonomia al 75% del carico prime power	10 h	75% Average operating hours
Dimensioni (Lu. x La. x H.)	5052x1600x2755 mm	Dimensions (L. x W. x H.)
Peso a vuoto	5950 kg	Dry Weight