

80.0 kVA PERKINS GENERATOR

FEATURES & BENEFITS

- Maximum 88.0 kVA, 400 V, 1500 RPM
- Industrial brushless alternator with AVR
- Steel baseframe, retention basin & fuel tank with sensor
- 160 litre tank for 11 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:	P80GO
Continuous power (PRP):	80.0 kVA
Continuous power (PRP):	64.0 kW
Stand-by power (LTP):	88.0 kVA
Stand-by power (LTP):	70.4 kW
Power factor:	0.8
Frequency (Hz):	50 Hz
Voltage (V):	400 V
Width:	1010 mm
Length:	2300 mm
Height:	1460 mm
Weight:	990 kgs
Tank Capacity:	160 l
dBa @ 7m:	N/A

ALTERNATOR	
Alternator brand:	MARELLI
Alternator model:	MJB225SA4
L.T.P. Power:	94.0 kVA
P.R.P. Power:	85.0 kVA
Connection:	Series star
Phases:	Three phases with neutral
Terminal Number:	12
IP Protection:	23
Alternate Alternator:	STAMFORD / UCI224G

ENGINE DATA	
Brand:	PERKINS
Model:	1104A-44TG2
Cylinders:	4
RPM:	1500
Cubic Capacity:	4.40
Air Intake:	Turbocharged
Standard Voltage:	12
SAE:	3-11 1/2
BMEP:	1335
Cooling:	Water
Flywheel P.R.P. Power:	71.9 kW
Flywheel Stand-by Power:	79.1 kW
Oil Qty:	8.0 l
Antifreeze Qty:	7.0 l
Heat from Radiator:	46.0 kW
Heat from Exhaust:	53.0 kW
Exhaust Temperature:	555 °C
Cooling Airflow:	89.00 m³/min
Combustion Airflow:	4.80 m³/min
Exhaust Airflow:	12.50 m³/min
TA Luft / TA Luft 2:	Not available / Not available
Stage:	Not available

FUEL CONSUMPTION	
Fuel Cons. at 110%:	20.5 l/h
Fuel Cons. at 100%:	18.7 l/h
Fuel Cons. at 75%:	14.0 l/h
Fuel Cons. at 50%:	9.7 l/h
Fuel Cons. at 25%:	5.2 l/h

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