

30.0 kVA PERKINS GENERATOR

FEATURES & BENEFITS

- Maximum 33.0 kVA, 400 V, 1500 RPM
- Industrial brushless alternator with AVR
- Steel baseframe, retention basin & fuel tank with sensor
- 160 litre tank for 29 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:	P30GO
Continuous power (PRP):	30.0 kVA
Continuous power (PRP):	24.0 kW
Stand-by power (LTP):	33.0 kVA
Stand-by power (LTP):	26.4 kW
Power factor:	0.8
Frequency (Hz):	50 Hz
Voltage (V):	400 V
Width:	1010 mm
Length:	2200 mm
Height:	1460 mm
Weight:	0 kgs
Tank Capacity:	160 l
dBa @ 7m:	N/A

ALTERNATOR	
Alternator brand:	MARELLI
Alternator model:	MJB160MB4
L.T.P. Power:	35.2 kVA
P.R.P. Power:	32.0 kVA
Connection:	Series star
Phases:	Three phases with neutral
Terminal Number:	12
IP Protection:	23
Alternate Alternator:	STAMFORD / PI144G

ENGINE DATA	
Brand:	PERKINS
Model:	1103A-33G
Cylinders:	3
RPM:	1500
Cubic Capacity:	3.30
Air Intake:	Aspirated
Standard Voltage:	12
SAE:	3-11 1/2
BMEP:	684
Cooling:	Water
Flywheel P.R.P. Power:	27.7 kW
Flywheel Stand-by Power:	30.4 kW
Oil Qty:	8.3 l
Antifreeze Qty:	4.4 l
Heat from Radiator:	16.0 kW
Heat from Exhaust:	22.0 kW
Exhaust Temperature:	500 °C
Cooling Airflow:	53.00 m ³ /min
Combustion Airflow:	2.16 m ³ /min
Exhaust Airflow:	5.70 m ³ /min
TA Luft / TA Luft 2:	Not available / Not available
Stage:	Not available

FUEL CONSUMPTION	
Fuel Cons. at 110%:	7.9 l/h
Fuel Cons. at 100%:	7.1 l/h
Fuel Cons. at 75%:	5.4 l/h
Fuel Cons. at 50%:	3.9 l/h
Fuel Cons. at 25%:	2.5 l/h

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