

42.0 kVA PERKINS GENERATOR

FEATURES & BENEFITS

- Maximum 46.2 kVA, 400 V, 1500 RPM
- Industrial brushless alternator with AVR
- Steel baseframe, retention basin & fuel tank with sensor
- 160 litre tank for 19 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:	P41GXHD
Continuous power (PRP):	42.0 kVA
Continuous power (PRP):	33.6 kW
Stand-by power (LTP):	46.2 kVA
Stand-by power (LTP):	37.0 kW
Power factor:	0.8
Frequency (Hz):	50 Hz
Voltage (V):	400 V
Width:	1040 mm
Length:	2260 mm
Height:	1820 mm
Weight:	1170 kgs
Tank Capacity:	160 l
dBa @ 7m:	67.0 dBA

ALTERNATOR	
Alternator brand:	MARELLI
Alternator model:	MJB200SA4
L.T.P. Power:	46.2 kVA
P.R.P. Power:	42.0 kVA
Connection:	Series star
Phases:	Three phases with neutral
Terminal Number:	12
IP Protection:	23
Alternate Alternator:	STAMFORD / PI144J

ENGINE DATA	
Brand:	PERKINS
Model:	1103A-33TG1
Cylinders:	3
RPM:	1500
Cubic Capacity:	3.30
Air Intake:	Turbocharged
Standard Voltage:	12
SAE:	3-11½
BMEP:	1023
Cooling:	Water
Flywheel P.R.P. Power:	41.3 kW
Flywheel Stand-by Power:	45.6 kW
Oil Qty:	8.3 l
Antifreeze Qty:	4.4 l
Heat from Radiator:	26.0 kW
Heat from Exhaust:	30.0 kW
Exhaust Temperature:	492 °C
Cooling Airflow:	53.00 m³/min
Combustion Airflow:	2.90 m³/min
Exhaust Airflow:	7.00 m³/min
TA Luft / TA Luft 2:	Not available / Not available
Stage:	Not available

FUEL CONSUMPTION	
Fuel Cons. at 110%:	12.0 l/h
Fuel Cons. at 100%:	10.7 l/h
Fuel Cons. at 75%:	8.2 l/h
Fuel Cons. at 50%:	5.7 l/h
Fuel Cons. at 25%:	3.4 l/h

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