

20.0 kVA PERKINS GENERATOR

FEATURES & BENEFITS

- Maximum 22.0 kVA, 400 V, 1500 RPM
- Industrial brushless alternator with AVR
- Steel baseframe, retention basin & fuel tank with sensor
- 55 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



ONLY ORIGINAL EQUIPMENT MANUFACTURERS (OEM) USED IN THIS BUILD

GENERAL DATA

Model:	P21CK
Continuous power (PRP):	20.0 kVA
Continuous power (PRP):	16.0 kW
Stand-by power (LTP):	22.0 kVA
Stand-by power (LTP):	17.6 kW
Power factor:	0.8
Frequency (Hz):	50 Hz
Voltage (V):	400 V
Width:	770 mm
Length:	1660 mm
Height:	1330 mm
Weight:	690 kgs
Tank Capacity:	55 l
dBa @ 7m:	65 dBA

ALTERNATOR

Alternator brand:	STAMFORD
Alternator model:	PI144D
L.T.P. Power:	20.0 kVA
P.R.P. Power:	22.0 kVA
Connection:	Series star
Phases:	Three phases with neutral
Terminal Number:	12
IP Protection:	23
Alternate Alternator:	

ENGINE DATA

Brand:	PERKINS
Model:	404A-22G1
Cylinders:	4
RPM:	1500
Cubic Capacity:	2.22
Air Intake:	Aspirated
Standard Voltage:	12
SAE:	4-7½
BMEP:	669
Cooling:	Water
Flywheel P.R.P. Power:	18.7 kW
Flywheel Stand-by Power:	20.6 kW
Oil Qty:	10.6 l
Antifreeze Qty:	3.6 l
Heat from Radiator:	17.0 kW
Heat from Exhaust:	14.0 kW
Exhaust Temperature:	445 °C
Cooling Airflow:	29.40 m³/min
Combustion Airflow:	1.45 m³/min
Exhaust Airflow:	3.64 m³/min
TA Luft / TA Luft 2:	Not available / Not available
Stage:	Not available

FUEL CONSUMPTION

Fuel Cons. at 110%:	6.1 l/h
Fuel Cons. at 100%:	5.3 l/h
Fuel Cons. at 75%:	4.0 l/h
Fuel Cons. at 50%:	2.9 l/h
Fuel Cons. at 25%:	0.0 l/h

* Specs subject to change without prior notice.

* Measurements based on ISO8528-1 Standards

* Picture may vary from actual product.