

1705.0 kVA PERKINS GENERATOR

FEATURES & BENEFITS

- Maximum 1875.0 kVA, 400 V, 1500 RPM
- Industrial brushless alternator with AVR
- Steel baseframe, retention basin & fuel tank with sensor
- Connect directly to a bulk tank (No integrated tank)
- 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:	P1700S
Continuous power (PRP):	1705.0 kVA
Continuous power (PRP):	1364.0 kW
Stand-by power (LTP):	1875.0 kVA
Stand-by power (LTP):	1500.0 kW
Power factor:	0.8
Frequency (Hz):	50 Hz
Voltage (V):	400 V
Width:	2360 mm
Length:	8600 mm
Height:	3460 mm
Weight:	15000 kgs
Tank Capacity:	0 l
dBa @ 7m:	72.0 dBA

ALTERNATOR	
Alternator brand:	STAMFORD
Alternator model:	PI734E
L.T.P. Power:	2035.0 kVA
P.R.P. Power:	1900.0 kVA
Connection:	Star
Phases:	Three phases with neutral
Terminal Number:	6
IP Protection:	23
Alternate Alternator:	STAMFORD / PI734E

ENGINE DATA	
Brand:	PERKINS
Model:	4012-46TAG3A
Cylinders:	12
RPM:	1500
Cubic Capacity:	45.84
Air Intake:	Turbocharged
Standard Voltage:	24
SAE:	00-18
BMEP:	2603
Cooling:	Water
Flywheel P.R.P. Power:	1432.0 kW
Flywheel Stand-by Power:	1575.0 kW
Oil Qty:	177.0 l
Antifreeze Qty:	73.0 l
Heat from Radiator:	510.0 kW
Heat from Exhaust:	1102.0 kW
Exhaust Temperature:	480 °C
Cooling Airflow:	1920.00 m ³ /min
Combustion Airflow:	125.00 m ³ /min
Exhaust Airflow:	350.00 m ³ /min
TA Luft / TA Luft 2:	On request / On request
Stage:	Not available

FUEL CONSUMPTION	
Fuel Cons. at 110%:	405.0 l/h
Fuel Cons. at 100%:	370.0 l/h
Fuel Cons. at 75%:	275.0 l/h
Fuel Cons. at 50%:	187.0 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.