

GENERADORES ELÉCTRICOS GSW 110 P Perkins INSONORO



Main specifications

Type Canopied
Standby power LTP 110 kVA
Standby power LTP 88 kW
Rated prime power (PRP) 100 kVA
Rated prime power (PRP) 80 kW
Rated continuous power (COP) n.a.
Rated continuous power (COP) n.a.
Phases 3
Voltage 400 V
Frequency 50 Hz
Battery charger current 65 A
Circuit breaker 160
Ratio 0,99

Engine specifications

Engine manufacturer Perkins
Model 110AC-44TAG2
Stroke 4, diesel
Fuel Diesel
Number of cylinders and disposition 4, inline
Displacement 4410 cm³
Air intake Turbocharged, CAC
Starting system Electric
Nominal operating speed 1500 rpm
Speed governor Electronic
SAE n.a.
Flywheel n.a.
Continuous power COP n.a.
Prime power PRP 89 kW
Standby power LTP 98 kW
Lube oil capacity 8 l
Coolant capacity 12,6 l
Fuel consumption at 100% PRP 30 l/h
Fuel consumption at 75% PRP 22 l/h
Maximum lube oil consumption at PRP 0,15 %
Electric circuit voltage 12 V
Engine derating 1,0
Cooling fan Mechanical

Alternator specifications

Alternator manufacturer Stamford
Model UCI 274C
Poles 4
Revolution speed 1500 rpm
Voltage 400 V
Frequency 50 Hz
Continuous nominal power at 40°C - COP 100 kVA
Continuous nominal power at 27°C - PRP 106 kVA
Standby power at 27 °C - LTP 110 kVA
Continuous active power at 27°C - PRP 85 kW
Efficiency at 75% load 90,3 %
Efficiency at 100% load 90 %

Maximum admitted overload 10% for 1 hour every 12 hours of running time
S2

Voltage regulation system Electronic

Alternator derating 1,0

Protection grade IP 23

Additional information

Fuel tank location Internal

Fuel tank capacity 120 l

Running time at 100% PRP 4,06 h

Running time at 75% PRP 5 h

Measured acoustic power (LWA) at 10 mt 95,6 dBA

Noise level at 7 m 70,6 dBA

Guaranteed noise level (LWA) 96 dBA

Dimensional data

Length 2380 mm

Width 1000 mm

Height 1301 mm

Dry weight 1365 kg