



CUMMINS C44D5E GENERATOR 44KVA SING LE-PHASE/THREE-PHASE SILENCED

Product price:

12.993,00 € tax excluded

Product description:

CUMMINS C44D5E GENERATOR 44KVA SINGLE-PHASE/THREE-PHASE SILENCED

The CUMMINS C44D5E generator is equipped with a Cummins 4BTAA3.3-G14 engine powered by Diesel and is capable of delivering a maximum power of 44KVA, complete with Compound voltage regulator.

The Generator is equipped with an electric start and with low fuel consumption, in fact it consumes about 8 litres/hour at 75% of the load for an autonomy of up to 18 hours of operation. The generator set guarantees efficient and silent operation thanks to the Cummins 4BTAA3.3-G14 engine, which allows for the delivery of a maximum power of 44KVA.

Main generator components CUMMINS C44D5E:

Cooling system:

- Radiator mounted on the generator frame and cooled by the engine fan;
- Designed and tested for an ambient temperature of 55 °C;
- Mechanically operated centrifugal pump;
- 50/50 coolant (ethylene glycol);
- Coolant thermostatic preheating system.

Air intake:

- Normal Duty cartridge air filter, with clogging indicator;
- Turbocharger.

Electric motor system:

- 12 Vdc electric starter, coupled to the flywheel;
- 12 V, 65 Ah starter battery



- 35 A alternator for battery recharging;
- Rectifier for charging the batteries during the stand-by period.

Exhaust:

- Expansion compensator in stainless steel;
- Exhaust silencer, residential type, for noise reduction;
- Grilles protection for the hot parts.

Lubrication system:

- Oil filter;
- Crankcase ventilation.

Fuel supply:

- 150 liter tank which guarantees 18 hours of autonomy at 75% of the load;
- Diesel filter with separator;
- Filler cap with filter and vapor discharge;
- Turn/return the fuel lines;
- Drain cap.

Assembly

- Steel frame;
- Semi-rigid coupling, single bearing alternator;
- Anti-vibration pads between the engine/alternator unit and the frame.

TECHNICAL SPECIFICATIONS CUMMINS C44D5E

Phase type: Three-phase

Continuous power: 40 KVA / 32 KW

Maximum power: 44 KVA / 35 KW

Engine: Cummins 4BTAA3.3-G14

Power supply: Diesel

Engine speed: 1500 rpm

Regulation of revolutions: Mechanical

Emissions standard: Stage Zero

Starter: Electric / Automatic

Voltage regulator: Compound

Voltage: 400 V

Frequency: 50 Hz

Socket panel: Terminal block

Tank capacity: 150 l

Consumption at 75% of the load: 8.38 l/h

Autonomy at 75% load: 17.9 h

Sound pressure: 68dBA @ 7m

Length: 2270 mm

Width: 975 mm





Height: 1920 mm
Dry weight: 1236 kg

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Non-binding images and technical data

Product features:

Phase: Three phase
Maximum power three phase (KW): 35
Continuous power three phase (KW): 32
Maximum power three phase (KVA): 44
Continuous power three phase (KVA): 40
Fuel: Diesel
Frequency (Hz): 50
Voltage (V): 400
Sockets configuration: Terminal box
Engine: Cummins 4BTAA3.3-G14
Emissions Regulations: Stage Zero
Engine rpm (rpm): 1500
Speed governor: Mechanical
Starting system: Electric Automatic/Manual
Number cylinders: 4
Cylinders' position: In line
Alternator: Synchronous, brushless
Poles: 4
Fuel tank capacity (L): 150
Consumption (L/h): 8.38 at 75% load
Running time (h): 17.9 at 75% load
Acoustic pressure: 68 dB(A) at 7 m
Length (mm): 2270
Width (mm): 975
Height (mm): 1920
Dry weight (Kg): 1236
Silenced: Yes
Super silenced: Yes
Brushes: No
Product type: Generator
ATS Switch device : Optional
Type of alternator: Constant Speed
Voltage regulator: Compound



Engine manufacturer: Cummins