



DINGOL DG634C Three-phase Alternator 800 kVA AVR

Reference: DG634C SAE00 disk joint 14

DINGOL DG634C THREE PHASE 800KVA AVR

DINGOL DG634C is a three-phase brushless alternator capable of delivering a maximum power of 800KVA complete with AVR voltage regulator.

All the components that make up the DINGOL DG634C are subjected to a specific coating and/or impregnation process aimed at safeguarding the functionality of the generator and protecting the critical parts in the various conditions of use.

The absence of the brush mechanism, and the high efficiency of the voltage regulator ensure a low level of interference with radio waves. A suppressor device is available for this purpose and can be installed on all alternators upon request.

DINGOL DG634C have twelve end terminals and are delivered pre-configured in three-phase configuration unless otherwise specified by the customer. However, if it is necessary to modify the configuration, a table of possible configurations is shown on the back of the terminal box cover. The termination box has ample space for wiring and also houses the voltage regulator. Two removable panels allow easy and quick side access to the termination box.

DINGOL DG634C are designed to guarantee an IP22 protection class for industrial use suitable for protection from normal weather conditions.

DINGOL DG634C is equipped with twelve terminal blocks and are delivered preconfigured in three-phase unless otherwise specified by the customer. However, if it is necessary to change the configuration, a table of possible configurations is shown on the back of the termination box cover.

AVR REGULATOR

The AVR is an electronic device that regulates the alternating current coming from the alternator and converts it into direct current.

By using a voltage regulator, it is possible to convert the alternating current into direct current and thus avoid voltage and current surges.

The AVR are installed on both industrial and marine alternators. They allow to transfer in a constant way the necessary energy from the excitation stator to the main exciter independently from the power developed moment by moment by the generator. The high efficiency of the AVR ensures operation even when the residual excitation current is very low. The output current from the excitation rotor that is used to power the main exciter passes through a wave rectifier bridge. The rectifier itself is equipped with protection against overvoltages caused, for example, by a short circuit or a parallel made out of phase.

TECHNICAL CHARACTERISTICS DINGOL DG634C

Phase type: Three-phase

Power supply voltage: 400 - 440 V
Frequency: 50 - 60 Hz
Maximum output (50 Hz): 640KW
Maximum output (50 Hz): 800KVA
Maximum power (60 Hz): 732KW
Maximum power (60 Hz): 916KVA
RPM: 1500 rpm
Efficiency %: 93.7
Brushes Type: Brushless
Voltage regulator: AVR
Degree of protection: IP22
Width: 1578 mm
Length: 893 mm
Height: 1148 mm
Dry weight: 1930 Kg

Are you looking for an alternator with different characteristics? [Here](#) you can find the whole range DINGOL or other specialized brands.

Images and technical data are not binding.

Technical Sheet

| Phase | Three phase |
|---------------------------------|----------------|
| Maximum power three phase (KW) | 640 |
| Maximum power three phase (KVA) | 800 |
| Frequency (Hz) | 50 / 60 |
| Voltage (V) | 400 |
| Engine rpm (rpm) | 1500 |
| Efficiency (%) | 93.7 |
| Protection degree | IP22 |
| Length (mm) | 1578 |
| Width (mm) | 893 |
| Height (mm) | 1148 |
| Dry weight (Kg) | 1930 |
| Brushes | No |
| Type of alternator | Constant Speed |
| Voltage regulator | AVR |