



DINGOL DG634C Three-phase Alternator 800 kVA AVR

Product description:

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.

Product features:

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