DINGOL DG634D Three-phase Alternator 910 kVA AVR

Product price:

18.200,00 € tax excluded

Product description:

DINGOL DG634D THREE-PHASE 910KVA AVR

DINGOL DG634D is a three-phase brushless alternator capable of delivering a maximum power of 910KVA complete with AVR voltage regulator.

All the components that make up the DINGOL DG634D are subjected to a specific coating and/or impregnation process aimed at safeguarding the functionality of the generator and protecting the critical peers in the various conditions of use.

DINGOL DG634D alternators 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 change 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 DG634D are designed to guarantee an IP22 protection class for industrial use suitable for protection from normal weather conditions.

DINGOL DG634D is equipped with twelve terminal blocks and are delivered pre-configured 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 a

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.

The AVR via sensing regulates the voltage of the alternator output current with a control margin of 0.5% over or under, from no-load to full load, including variations from cold to operating temperature, up to cos-phy 0.8 and up to a variation r.p.m. Of the engine of 4%.

TECHNICAL FEATURES DINGOL DG634D

Phase Type: Three Phase
Power Supply Voltage: 400 - 440 V
Frequency: 50 - 60 Hz
Maximum Power: 728KW
Maximum Power: 910KVA
Revolutions Per Minute: 1500 rpm
Efficiency %: 93. 6
Brush type: Brushless
Voltage regulator: AVR
Protection class: IP22
Width: 1578 mm
Length: 893 mm
Height: 1148 mm
Dry weight: 2090 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): 728
Maximum power three phase (KVA): 910
Frequency (Hz): 50 / 60
Voltage (V): 400

Engine rpm (rpm): 1500
Efficiency (%): 93.6
Protection degree: IP22
Length (mm): 1578
Width (mm): 893
Height (mm): 1148
Dry weight (Kg): 2090
Brushes: No
Type of alternator: Constant Speed
Voltage regulator: AVR