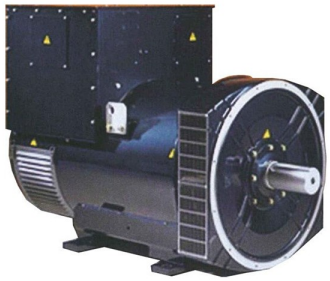

DINGOL DG634B Three-phase alternator 750 kVA AVR

Product description:

DINGOL DG634B THREE PHASE 750KVA AVR

DINGOL DG634B is a three-phase brushless alternator capable of delivering a maximum power of 750KVA complete with AVR voltage regulator.

All the components that make up the DINGOL DG634B are subjected to a specific coating and/or impregnation process to safeguard the functionality of the generator and to protect the critical parts in the various conditions of use.

On the test bench, DINGOL rotors are balanced to the best of BS6861: part 1 box 2.5. To allow operation with the lowest possible vibration.

DINGOL DG634B 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 DG634B are designed to guarantee an IP22 protection class for industrial use suitable for protection from normal weather conditions.

DINGOL DG634B is equipped with twelve terminal blocks and are delivered preconfigured 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 termination box cover.

DINGOL DG634B is a brushless alternator, this feature together with the high efficiency of the AVR ensure a low level of interference with radio waves.

AVR REGULATOR

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

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

AVR regulators 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 DG634B

Phase Type: Three Phase
Power Supply Voltage: 400 - 440 V
Frequency: 50 - 60 Hz
Maximum Power (50 Hz): 600KW
Maximum Power (50 Hz): 750KVA
Maximum Power (60 Hz): 684KW
Maximum Power (60 Hz): 855KVA
Revolutions Per Minute: 1500 rpm
Efficiency %: 93. 3
Brush type: Brushless
Voltage regulator: AVR
Protection class: IP22
Width: 1578 mm
Length: 893 mm
Height: 1148 mm
Dry weight: 1870 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): 600
Maximum power three phase (KVA): 750
Frequency (Hz): 50 / 60
Voltage (V): 400
Engine rpm (rpm): 1500
Efficiency (%): 93.3
Protection degree: IP22
Length (mm): 1578
Width (mm): 893
Height (mm): 1148
Dry weight (Kg): 1870
Brushes: No
Type of alternator: Constant Speed
Voltage regulator: AVR