



# MARELLIMOTORI ALTERNATOR 2200KVA MJB 500 MB4

## Product description:

MARELLIMOTORI MJB 500MB4 ALTERNATOR 2200KVA THREE-PHASE

MARELLIMOTORI MJB 500MB4 is a three-phase alternator capable of delivering a power of **2200KVA 1760KW**, comes complete with AVR.

The frame of the alternator designed by MarelliMotori is equipped with side ribs to increase the resistance in addition the construction is made of strong welded steel

The 2200KVA alternators MarelliMotori for continuous operation are designed to meet the vibration levels according to the standards, therefore they have a shielding in spheroidal cast iron or grey cast iron.

The shaft of the MJB 500MB4 is made of carbon steel and obtained by rolling. The shaft is obtained by forging from 290 mm diameter and is tested at the manufacturer in order to verify the absence of defects.

The stator/motor core of MarelliMotori is laminated and enamelled on both sides to minimize eddy current losses

The rotor of MJB 500MB4 is of salient pole type, made with class H flat copper wire insulated with enamel coating.

The winding is held by high quality steel through-bars.

All MarelliMotori are equipped with a large damping cage and are suitable for parallel operation with other generators, if equipped with the parallelization unit.

All MarelliMotori alternators can be designed to meet specific reactance values ( $x'd$  and  $x''d$ ).

The MarelliMotori alternators are all equipped with voltage regulators. For the correct voltage supply MARELLIMOTORI MJB 500MB4 2200KVA needs an electronic control system, known as "voltage regulator" or "AVR" (acronym of Automatic Voltage Regulator). It guarantees the proper functioning of the machine and above all of the electrical network behind it.

The AVR is an electronic device that converts alternating current with frequency and voltage variable over time into direct current and thus avoids current surges.

The AVR designed by MarelliMotori is internally equipped with a radio noise filter, which allows to contain radio noise emitted by MarelliMotori generators within the limits set by the European regulations for industrial environments

It is always advisable to check with the help of the technical data sheets the construction form of the desired alternator.

Select the alternator that reflects the **technical specifications you require**, visit our dedicated section to understand how.

#### TECHNICAL FEATURES OF THE ALTERNATOR 2200KVA THREE-PHASE MJB 500MB4

Phase type: Three phase  
Maximum power 50Hz: 2200KVA  
Maximum power 50Hz: 1760KW  
Maximum power 60Hz: 2635KVA  
Maximum power 60Hz: 2105KW  
Frequency: 50 - 60Hz  
Voltage: 400V / 480V  
Protection degree: IP23  
A alternator revolutions: 1500 / 2250rpm  
Number of poles: 4  
Yield: 97. 0%  
Weight: 4400 Kg  
Constant speed  
AVR

Are you looking for a product with different characteristics? [HERE](#) you can find the entire range **MARELLIMOTORI** and other specialized brands.

Images and technical data not binding and subject to change by the manufacturer

#### Product features:

Phase: Single phase / Three phase  
Maximum power three phase (KW): 1760  
Maximum power three phase (KVA): 2200  
Frequency (Hz): 50 / 60  
Voltage (V): 400  
Engine rpm (rpm): 1500



Poles: 4

Efficiency (%): 97.0

Protection degree: IP23

Brushes: No

Type of alternator: Constant Speed

Voltage regulator: AVR

Weight (Kg): 4400

