



MBC 300/30 : MAGNETIC BEARINGS CONTROLLER

The MBC is the external controller associated to the magnetic bearings located inside the machine. It provides the electromagnets with currents, which are modulated in order to maintain the shaft stability, ensuring the contact-free rotation.

Specially designed for turbomachines, the S2M MBC 300/30 is characterized by the rating of its power amplifiers supplying 300 V DC at 30 A.



The cabinet supplied by S2M



Overview : Pipeline compressor, cables, cabinet.



On the site : in the control room

Advantages :

- built-in UPS (internal batteries)
- Remote control, associated software
- Serial interface
- Rotor dynamics control
- Vibration free operation
- Built-in monitoring

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Nb of bearings controlled : 2 radial + 1 axial

Reactive power : 10 x 300 x 30 VA