

New!

MIV-IA VMA



Variable speed centrifugal pump for food processing environments

With many years' expertise in industrial pumping techniques, **LEROY-SOMER** now offers, to complement the **IA** and **IAW** series of motors and geared motors, **ranges of industrial pumps specially designed for food processing environments.**

Due to the stringent health requirements, pumping or drive systems used in the food processing industry must be able to cope with extreme conditions and stand up consistently to the rigours of a harsh environment.

LEROY-SOMER MIV-IA's vertical centrifugal pump, a multistage-type pump, provides the optimum response to high pressure or flow rate requirements. Fitted with the **VARMECA (VMA)** integrated variable speed motor, it constitutes a particularly attractive solution for all kinds of food industry applications in terms of:

- ◆ **Simplicity:** The variable speed pump is a user-friendly solution, which is delivered ready to use and can be set up quickly. It is easy to connect and no switchboard modification is necessary.

◆ **Performance:** The use of variable speed enables optimisation of the process by providing regulation at constant pressure or flow rates.

◆ **Energy savings:** By strictly matching consumption to that required by the process, substantial energy savings can be achieved.

To withstand the food industry environment's special operating conditions, the **MIV-IA VMA** electropump meets specific requirements, such as:

- Easy to clean
- Increased resistance to knocks on the paintwork
- Resistance to saline mist 400 hours IP 55.

Thanks to its hydraulic unit made of AISI 304 or AISI 316 L stainless steel, the **MIV-IA VMA** variable speed pump can pump **clear or very slightly contaminated water** up to 120° in ambient temperatures from – 20° to + 40°C.

Conforming to the main European and international standards, **MIV-IA VMA** is easily **interchangeable** with the main makes of pumps installed and can be **assembled simply and quickly** so that process downtime is limited.

With its mastery of both design and manufacture of the hydraulic components, the drive and the control electronics, **LEROY-SOMER** guarantees the best performance, quality and reliability of the **MIV-IA VMA** variable speed electropump, a particularly innovative product.

◆ **Main characteristics:**

- Flow: Q: from 3 to 100 m³/hr
- TMH: 250 mHW
- Power rating: 0.25 to 11 kW in frame sizes from 71 to 160