

SÜDMO
VALVES,
COMPONENTS &
SERVICES

SUDMO'S VALVE TECHNOLOGY

PROVEN • TESTED • TRUSTED

HIGH QUALITY COMPONENTS

More than ever, hygienic and aseptic processors are seeking to combine sustainability and economic value. Initial capital cost is, in most instances, a fraction of the whole life cost of a typical valve installation. Downtime with loss of productivity and replacement of short life expectancy consumable parts, such as seals, are a large portion of the total life cycle cost. Pentair Südmö's valves provide more plant efficiency and longer running times. By reducing product losses, chemical usage, and maintenance materials and labor, Pentair Südmö helps our customers meet their long-term financial sustainability goals.

MIX PROOF VALVES

Featuring higher pressure resistance and maximum process reliability, the second generation of our DSV Complete Valves are available in a number of executions and are ideal for valve manifolds.

Key features

- Seal compensates for swelling, which assures longer seal life
- Balanced upper and lower seats provides operation up to 145 psi
- Reduced actuator size
- Minimized actuator maintenance

PMO MIX PROOF VALVES

Dairy processors now have a mix proof valve that does not require a full port leakage chamber. The 365it Complete PMO meets the latest 3-A 85-02 acceptance for mix proof valve requirements. Take advantage of the valve's reduced weight and space requirements while experiencing easier handling and maintenance.

Key features

- EHEDG certified Type EL Class I for in place cleanability
- Patented deflector uses a true mechanical barrier and doesn't rely on nature
- Minimized actuator size reduces valve size and weight
- Available in Cheese Curd Outlet and Tank Outlet versions

SINGLE SEAT VALVES

Reduce your maintenance cost and time with our SVP Select Valve Series. This reliable and versatile line features a wide range of sizes and executions, including long stroke. The modular design uses common seal dimensions and actuators for the various sizes.

Key features

- Actuators with high holding pressures and a 10-year prorated warranty
- Field reversible actuator
- O-rings (not V-rings) use no special tools for seal insertion, PEEK option
- 32 Ra minimum with electropolish finishes available

ASEPTIC VALVE WITH P³

Pentair Südmö's Aseptic Valve with our P³ diaphragm replaces obsolete bellows technology. The P³ diaphragm delivers extremely long life compared to other aseptic seal materials. Resistant to high temperatures, up to 320 °F, and aggressive chemicals, P³ ensures longer service life.

Key features

- Stable under continuous pressure up to 145 psi and pressure shocks up to 290 psi
- PEEK valve seal for long life
- Excellent cleanability
- Longer maintenance intervals reduce downtime and increase productivity



Mix Proof Valve



Mix Proof Valve Manifold



Single Seat Valve



P³ diaphragm



REGULATING VALVE

Achieve perfect control of product and CIP flow with the SVP Select Regulating Valve. This valve can be customized for each application using standard components. The optional programmable features in the control top provide excellent feedback and repeatability.

Key features

- Bubble tight and metal to metal seats offered as standard
- Maintenance-friendly wearable components
- 10-year prorated actuator warranty
- Easy to exchange CV's for each valve size
- Optional P³ aseptic diaphragm



Regulating Valve



Butterfly Valve



IntelliTop 2.0

BUTTERFLY VALVES

Pentair Südmo's Butterfly Valves feature both manual and pneumatic drives, including lockable handles and vertical actuators. Pentair Südmo offers a variety of options, including our state-of-the-art IntelliTop 2.0, that allow monitoring and control of the valves through the control system.

Key features

- Reduced friction between valve disc and disc seal leads to longer life time of seals and longer maintenance intervals
- Highly resistant to aggressive media
- Product wetted parts made of stainless steel
- All seals FDA compliant

INTELLITOP 2.0 CONTROL SYSTEM

The IntelliTop 2.0 increases your plant's efficiency by controlling, monitoring and reporting on all valve functions. This results in faster response times and virtually eliminates process systems downtime. The IntelliTop 2.0 combines process valve triggering and monitoring in one unit.

Key features

- Fastest set-up in the industry
- IP 65/67/69K meets watertight needs in the process room
- Valve position easy to see with 360° display
- Built-in microcontroller tracks valve use
- Information can be loaded to your PDA or computer for service
- Maintenance tool allows for easy control via a magnet-coded key

SERVICE & MAINTENANCE

As a member of your team, we work to anticipate and prevent problems. This provides a lower Total Cost of Ownership by giving you longer run times between service and less disruption from unplanned maintenance. As a result you'll see the benefits in such things as lower contamination rates, and less product and cleaning solution losses.

- Service and maintenance agreements
 - Preventive maintenance
 - Original spare parts & stock consulting
 - 24/7 technical support
- Training
 - Basic
 - Advanced
 - Customized



PROCESS TECHNOLOGIES

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