

Press release

April 2017



New Alfa Laval Unique DV-ST UltraPure Actuator simplifies valve control and inventory management

Alfa Laval introduces a new stainless steel actuator designed specifically for the Alfa Laval Unique DV-ST diaphragm valves. More compact, robust and durable than its predecessors, this pneumatic actuator simplifies process control due to ease of integration with the full range of Alfa Laval sensing and valve control units. It is engineered to meet demands of the biotech and pharmaceutical industries for safety, hygiene, documentation and performance throughout aseptic production processes.

One-for-all simplicity

The latest innovation within the company's broad actuator portfolio, the Alfa Laval Unique DV-ST UltraPure Actuator fits the complete range of Alfa Laval Unique DV-ST UltraPure diaphragm valves. Previously there were three actuators from which to choose; now there is only one made entirely of AISI 316L stainless steel. This makes the specification process quick, easy and secure. It also simplifies inventory management because, regardless of the type of process or application, the same actuator can be stocked as a spare part for all Alfa Laval Unique DV-ST UltraPure diaphragm valves, whether cast, forged or block, and even used for autoclave duties.

Safe, reliable operation for total peace of mind

The Unique DV-ST UltraPure Actuator is designed to operate at working pressures up to 10 bar, depending on the diaphragm material used. It is also able to close the valve at the same working pressures with 0% pressure drop. As long as the working pressure remains below 10 bar (6 bar for PTFE/EPDM), there is no need to change the actuator. No hassles or worries; the actuator continues to deliver reliable, trouble-free performance. This provides customers with total peace of mind.

More compact, more uptime

The Unique DV-ST UltraPure Actuator withstands high temperatures required for sterilization (autoclave) and for chemical processes. It is therefore capable of delivering long-lasting, error-free performance and more uptime. It is also more compact than its predecessors, which means that valve skids can be built with smaller footprints, which minimizes the risk of dead legs

Proven, integrated valve control

Moreover, all Alfa Laval valve sensing and control units can easily be integrated with the Alfa Laval Unique DV-ST UltraPure Actuator. This enables customers to take advantage of Alfa Laval's valve sensing and control solutions, which are known for providing exceptional accuracy and superior fluid handling control. What's more, standardization of valve control is easy, enabling customers to simplify maintenance and inventory management. Alfa Laval sensing and control units feature tight tolerance bands to ensure maximum process safety and no-touch, set-and-forget sensors with simple set-up. This minimizes human error and promotes safe and efficient production.

New Alfa Laval Unique DV-ST UltraPure Actuators simplify valve control and inventory management



About Alfa Laval

Alfa Laval is a leading global provider of specialized products and engineering solutions based on its key technologies of heat transfer, separation and fluid handling.

The company's equipment, systems and services are dedicated to assisting customers in optimizing the performance of their processes. The solutions help them to heat, cool, separate and transport products in industries that produce food and beverages, chemicals and petrochemicals, pharmaceuticals, starch, sugar and ethanol.

Alfa Laval's products are also used in power plants, aboard ships, oil and gas exploration, in the mechanical engineering industry, in the mining industry and for wastewater treatment, as well as for comfort climate and refrigeration applications.

Alfa Laval's worldwide organization works closely with customers in nearly 100 countries to help them stay ahead in the global arena. Alfa Laval is listed on Nasdaq OMX, and, in 2015, posted annual sales of about SEK 39.7 billion (approx. 4.25 billion Euros). The company has about 17,500 employees.

www.alfalaval.com

Field Code Changed

For more information, contact:

Paw Kramer
Portfolio Manager, Valves
Alfa Laval Lund AB
Phone: +46 46 36 72 26
E-mail: paw.kramer@alfalaval.com

Chantra Trithara
Marketing Communications Manager, Central Market Communications
Alfa Laval Lund AB
Phone: +46 46 36 76 91
E-mail: chantra.trithara@alfalaval.com

[/www.alfalaval.com/](http://www.alfalaval.com/)

Images available in high resolution:

New Alfa Laval Unique DV-ST UltraPure Actuators simplify valve control and inventory management

