



TM

*Manufacturer of High Quality Alloy and Rubber Replacement  
Parts for the Sanitary Processing Industries*

## **Replacement Parts for Alfa Laval® ARC, SRC & CPM Valves**

For almost 20 years, DSO™ Fluid Handling Co., Inc. has provided the food processing, dairy and pharmaceutical industries with a first class, cost effective alternative for sanitary replacement parts. An extensive inventory combined with a strong distributor network enables DSO™ to offer quick shipment on their entire product offering. DSO™ product lines includes replacement parts for many of the sanitary valves manufactured by Alfa Laval® (G&H, Tri-Clover®) and other OEMs. Genuine DSO™ replacement parts offer a high quality, cost effective alternative to OEM offerings.



### **Replacement parts for ARC, SRC and CPM Valves**

DSO™ offers a high quality, cost effective alternative for stems, seals, pistons, spring assemblies, o-rings, stem seals, diaphragms, washers, lock rings and other parts for the Alfa Laval® ARC, SRC & CPM valves.

Our most popular products are the ACTUATOR and VALVE service kits. DSO™ also can assemble custom kits according to component variations specified by our customers. DSO™ kits can be packaged in zipper bags or sealed on cardboard sheets.

For your convenience DSO™ uses the same parts numbering structures as the OEMs.

#### **ARC valves**

The ARC valve is an aseptic seat valve with PTFE diaphragm. It is available as a stop- or change-over valve. The valve is suited for aseptic operating conditions such as high sterilization temperatures. ARC is characterized by excellent cleanability.

#### **Working principle**

ARC is operated by means of compressed air and can be supplied with or without spring return. Sterile stem sealing towards the atmosphere is ensured by a special designed PTFE/rubber diaphragm unit. The PTFE diaphragm does not allow product residues to build up on the product contact surface.

#### **Standard design**

ARC is based on the SRC valve design. It consists of actuator, bonnet, stem with diaphragm unit and valve bodies. The changeover version is a two body design. The valve is assembled by means of clamp rings and a stem clip system for easy maintenance.

#### **SRC valves**

The SRC valve is an air-operated seat valve with a sanitary and flexible design giving a wide field of application, e.g. as a stop valve with two or three ports or as divert valve with three to five ports.

#### **Working principle**

The valve is remote-controlled by means of compressed air. It has few and simple moveable parts which results in a very reliable valve.

#### **Standard design**

SRC consists of an actuator, bonnet, lip seal, plug, stem and valve bodies. All components are assembled by means of sanitary clamps and a stem clip-system.

#### **CPM valves**

The Alfa Laval® air-actuated CPM-2 valve series is designed to maintain either constant inlet or constant outlet pressure - important for such applications as: pasteurization, separation, filling systems, filters, filtration and heat exchangers.

Inside, a diaphragm/valve plug system reacts immediately to any alteration of product pressure and changes position so that the pre-set pressure is maintained. The pre-set pressure set point is adjusted by means of a precision self-relieving regulator.

**DSO™ Fluid Handling Co., Inc.**  
300 McGaw Drive, Suite 2  
Edison, NJ 08837

**WWW.DSOFLUID.COM**

**phone: 1-800-527-6867 or 732-225-9100**

**fax: 732-225-9101 - e-mail: info@dsosfluid.com**

The trademarks above are the property of their respective owners and are used for reference purposes only.

