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| *PNEUMATIC Automation Valves*  Sap Valves offers a complete Automated Valve assembly i.e. Actuator, Control accessories and the valve i.e. Ball Valve, Butterfly Valve, Plug Valve or dampers. The basic valve is manufactured in-house and automated with Actuator and Accessories.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | **Ball Valve Automation System** | **Butterfly Automation System** | **Plug Valve Automation System** | | http://www.sapvalves.com/image/automation/bvalve.jpg | http://www.sapvalves.com/image/automation/bfly.jpg | http://www.sapvalves.com/image/automation/pvalue.jpg | | * Size range 1/2" - 24" #150 - #2500 * Soft seated, Metal seated * Fire safe as per API607 or BS5351 as an application * Variety of Ball Valve constructions offered as per the requirements | * Size range 2" - 48", PN10, PN16, PN25 * Variations in Butterfly Valve * onstructions offered as per client requirements | * Size range 1/2" - 20" in #150 - #2500 * Different constructions offered as per client requirement | |  |  |  |  |  |  | | --- | --- | |  | | |  |  | | http://www.sapvalves.com/image/automation/new/rac.jpg | http://www.sapvalves.com/image/automation/new/rnd.jpg | | **2/2 Way Pneumatic ON/OFF Angle type Control Valve**  (S/C BSP/NPT)(F/E ASA 150#)  Type : Normally Closed / Normally Open  Size : 1/2" to 2" (15mm to 50mm)  Mat: SS 304, SS 316 (CF-8 / CF-8m)  OP Pressure : 3.5 to 7 BAR  W Pressure : UP to 14 BAR  Temp : 180°CMax.  Media : air, gas.water, steam, chemical, oil etc. | **2/2 Way Pneumatic ON/OFF "ND" type Control Valve** (F/EASA150#)  Type : Normally Closed / Normally Open  Size : 1" to 2" (25mm to 50mm)  Mat: C.I.  OP. Pressure : 3.5 to 7 BAR  W. Pressure : UP to 14 BAR  Temp : 180°C Max.  Media : air, gas.water, steam, chemical, oil etc. | |  | | | http://www.sapvalves.com/image/automation/new/dph.jpg | http://www.sapvalves.com/image/automation/new/MTR.jpg | | **2/2 - 3/2 Way Pneumatic Diapharm Operated Control Valve**  (F/EASA150#)  Type : Normally Closed / Normally Open  Size : 1/2" to 8" (15mm to 200mm)  Mat:C.I./WCB/SS  OP. Pressure : 35 PSI Max.  W. Pressure : 10 BAR / 20 BAR  Temp:180°C, 300° C, 450° C  Media : steam, thermic oil, water, chemical | **2 Way- 3 Way Electrical Motorised Control Valve**  (F/EASA150#)  Type:NC/NO/PID  Size : 1/2" to 8" (15mm to 200mm)  Sup:230V  W. Pressure : 10 BAR / 20 BAR  Temp:180°C, 300° C, 450° C  Action : Linear and Reversible With change of Power  Media : steam, thermic oil, water, chemical | |  | | | http://www.sapvalves.com/image/automation/new/rsdn.jpg | http://www.sapvalves.com/image/automation/new/rdic.jpg | | **RSDN 2/2 Way Pilot Operated Diapharm type Solenoid Valve** (S/C BSP/NPT) (F/E ASA 150#) Type : NC / NO  Size : 1/2" to 2" (15mm to 50mm) Mat: SS 304, SS316 (CF 8, CF 8m) W. Pressure : 0.5 Min. 12 BAR Max. Sup: 12,24, 110, 230 AC DC Media : Air, Gas, Oil, Water etc.  **RSL / RDAC    2/2 Way Semi lift type Solenoid Valve**  (S/C BSP/NPT) (F/E ASA 150#)  W. Pressure : 0.1 Min. 7 BAR Max. **RSL**  W. Pressure : 0.0 Min. 2 BAR Max. **RDAC** | **2/2 - 3/2 Way Direct Operated Solenoid Valve**  (S/C BSP/NPT)  Type : Normally Closed / Normally Open  Size: 1/8" to 1/2"  Mat: SS 304, SS 316 Aluminium, Brass.  W Pressure : UP to 7 ,15 ,25 ,50 ,75 BAR Temp :85° 150°C Max.  Media : air, gas.water, steam etc.  Sup: 12, 24, 110, 230 AC DC | |  | | | http://www.sapvalves.com/image/automation/new/rssv.jpg | http://www.sapvalves.com/image/automation/new/mini.jpg | | **3/2**- **5/2 Way Single**/ **Double Solenoid Valve**  (S/C BSP/NPT)  Size: 1/8" to 1/2"  Mat: Aluminium  W Pressure: UP to10 BAR  Temp : 85° C Max  Media: air  Sup: 12, 24, 110, 230 AC DC  **3/2**- **5/2 Way Hand Lever Valve**  (S/C BSP/NPT)  Size: 1/8" to 1/2"  Mat: Aluminium  W Pressure: UP to10 BAR  Temp: 85°C Max  Media: air | **Pnumatic Air Cylinder D/A - S/A**  Bore : 25 mm to 100 mm  Stock: 25,50,75,100,150,200,250,300 mm.  Temp : 100°C. | |  | | | http://www.sapvalves.com/image/automation/new/frl.jpg | http://www.sapvalves.com/image/automation/new/pu.jpg | | **Air Preparation Units**  Air Filter, Regulator, Lubricator Size : 1/8" to 1/2" | **P. U. Tubes**  Nylon, P.V.C., Braided Hose Pipe Gas Pipe Hydraulic Pipe | |  | | | |