

**Actuated Valves Product**  
**Valve Actuation Questionnaire Checklist Butterfly Valves**



Contact Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Business Name: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_  
 Project Name: \_\_\_\_\_

**Butterfly Valves: System Media Pressure (Required)** psi \_\_\_\_\_ kPa \_\_\_\_\_ Bar \_\_\_\_\_ **Valve Quantity Each** \_\_\_\_\_

**Nominal Size** in \_\_\_\_\_ mm \_\_\_\_\_ cm \_\_\_\_\_

**Butterfly Valve Type :**  
 Standard   
 True Lug  Tandem Diverting   
 Pool Valve  Tandem Three Way   
 Wafer  (Tandem 3-Way Orientation Document Required)  
 Other Valve Type  \_\_\_\_\_

**Body Material :**  
 PVC   
 CPVC   
 Polypropylene

**O-ring Seals :**  
 Buna - N   
 EPDM   
 FKM   
 Other   
 (If Other Explain) \_\_\_\_\_

**Lug Materials :**  
 SS316   
 Zinc

Other Information: \_\_\_\_\_

**Pneumatic**  **Not all combinations may be available.**

**FailSafe Type** - (Position to which valve cycles upon air loss)  
 Double Acting (No FailSafe. Stays in last activated position)  
 Spring Return - Close (FailSafe in closed position upon air loss)  
 Spring Return - Open (FailSafe in open position upon air loss)  
 Other: \_\_\_\_\_

**Operating Air Pressure (psi)** - (Compressed air supply required to operate actuator)  
 80-150  Other: \_\_\_\_\_

**Override Type** - (Override used to cycle valve upon air loss)  
 Basic  Declutchable  Other: \_\_\_\_\_

**Aux. Limit Switches** - (Additional mechanical switches to operate external lights, alarms etc. (set of 2))  
 SPDT - Mechanical  SPDT - Proximity  DPDT - Mechanical  
 Voltage Signal Type Specify Voltage: \_\_\_\_\_

**Visual Indicator** - (Provides local visual valve position indication)  
 Low Profile  Dome

**Positioner Type** - (Positioner accepts an input signal from PLC to control valve cycle).  
 **Pneumatic Positioner** (Air supply required to operate valve)  
 Signal Pressure - (Air pressure required to position the valve)  
 3-15 psi  Other: \_\_\_\_\_  
 **Electro-Pneumatic Positioner** (Air and voltage supply required to operate)  
 Signal Voltage Input  4-20mA  0-10 VDC  Other: \_\_\_\_\_  
 **With Transmitter** - (Sends output signal to PLC to provide valve position)  
 Transmitter Output  4-20mA  0-10 VDC  Other: \_\_\_\_\_

**NEMA Rating** - (Enclosure rating indicates level of ingress protection from fluids, solids and gases)  
 4  4x  Other: \_\_\_\_\_

**Solenoid Valve** - (Regulates actuator intake/exhaust air supply)  
 3 & 4 Way  Dual Coil (Double Acting Actuators only)  Other: \_\_\_\_\_

**Solenoid Valve Voltage**  
 115 VAC  230 VAC  Other: \_\_\_\_\_

**NEMA Rating** - (Enclosure rating indicates level of ingress protection from fluids and solids)  
 4  4x  Other: \_\_\_\_\_

**Other Options:**  
 \_\_\_\_\_

**Electric**  **Not all combinations may be available.**

Basic Two Position (90 Degree Travel Standard)

**FailSafe Position** (if required)  
 Fail Open - Open (FailSafe in open position upon power loss)  
 Fail Close - Close (FailSafe in closed position upon power loss)

Note: On "Fail Safe" options two positions ONLY Override Not Recommended.

**Voltage Supply Power:**  
 115 VAC  230 VAC  Other: \_\_\_\_\_

**Frequency**  50 Hertz  60 Hertz

**Phase**  Single  Three

**Override Type** - (Override used to cycle valve upon power loss)  
 Basic  Declutchable  Other: \_\_\_\_\_

**Duty Cycle** (Amount of work valve can accomplish before requiring rest)  
 25%  75%  Other/Min. Requirement: \_\_\_\_\_

**NEMA Rating** - (Enclosure rating indicates level of ingress protection from fluids and solids)  
 4  4x  Other: \_\_\_\_\_

**Positioner Type** - (Positioner accepts an input signal from PLC to control valve cycle)  
 **Positioner with Transmitter**  
 Signal Input  4-20mA  0-10 VDC  Other: \_\_\_\_\_  
**Transmitter** - (Sends output signal to PLC to provide valve position)  
 Signal Output  4-20mA  0-10 VDC  Other: \_\_\_\_\_  
 **Positioner - NO Transmitter**  
 Signal Input  4-20mA  0-10 VDC  Other: \_\_\_\_\_

**Auxiliary Limit Switches** (Additional mechanical switches to operate external lights, alarms etc.)  
 2  4 (Set of 2 each)

**Standard Accessories - All options not available in all actuator combinations**  
 Torque Sensor  
 Battery Backup  LED Indicating Lights (red /green)  
 Speed Control  2 Wire Control Relay  
 Heater & Thermostat  [On @ 41F] [Off @ 60.8F]  [On @ 69.8F] [Off @ 89.6F]  
 [On @ 62.6F] [Off @ 80.6F]

**Other Options:**  
 \_\_\_\_\_

Rev. A 2010