

Butterfly Valve Actuation Questionnaire Checklist

Return Fax To Tech Services: (818) 364-6945



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: _____

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: _____

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: _____

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: _____

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: _____

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 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



Diaphragm Valve Actuation Questionnaire Checklist

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Contact Name: _____ **Date:** _____
Business Name: _____
City: _____ **State:** _____ **Country:** _____
Phone: _____ **Fax:** _____ **E-mail:** _____
Project Name: _____

Diaphragm Valves: System Media Pressure (Required) psi _____ kPa _____ Bar _____ _____		Valve Quantity Each _____	
Nominal Size in _____ mm _____ cm _____			
Diaphragm Valve Type : <input type="checkbox"/> EPDM <input type="checkbox"/> FKM <input type="checkbox"/> PTFE/FKM <input type="checkbox"/> PTFE/EPDM <input type="checkbox"/> Other Valve Type _____		Body Material : <input type="checkbox"/> PVC <input type="checkbox"/> CPVC <input type="checkbox"/> Low-Extractable PVC <input type="checkbox"/> Polypropylene	
		End Connector O-rings 1/2" - 2" : <input type="checkbox"/> EPDM <input type="checkbox"/> FKM <input type="checkbox"/> PTFE/FKM <input type="checkbox"/> PTFE/EPDM <input type="checkbox"/> Other _____ (If Other Explain) _____	
		End Connector : <input type="checkbox"/> Socket <input type="checkbox"/> SR Threaded <input type="checkbox"/> Flange <input type="checkbox"/> Spigot	
<input type="checkbox"/> Other information: _____			

Not all combinations may be available.

Unitized Pneumatic -

Pneumatic -

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)
 80-116 Other: _____

Override Type - (Override used to cycle valve upon air loss. Not available in sizes 1/2" - 2")
 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)
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 and solids)
 4 4x Other: _____

Solenoid Valve - (Regulates actuator intake/exhaust air supply)
 3 way (Air-to-Spring) 4 way (Double Acting Actuators only) Other: _____

Solenoid Valve Voltage
 115 VAC 230 VAC Other: _____

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

Other Options:

Not all combinations may be available.

Electric Multi Turn -

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: _____

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:

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