



Actuation Questionnaire

Valve Selection

Media Type in Valve:

Wet Dry

Max Media Pressure _____

Max Media Temperature _____

Valve Size _____

Model _____

Frequency of Operation _____

Quantity _____

Valve Type:

Ball

Butterfly

Material:

Brass

Carbon Steel

Stainless Steel

PVC

Seat Material:

EPDM

Buna

Viton

PTFE

Connection Type:

Threaded

Solder

Socket Weld

Flanged

Class 150

Class 300

Actuator Selection

Electric

Pneumatic

If **Electric**, proceed to Section A

If **Pneumatic**, proceed to Section B

Section A: Electric

Voltage: _____

Actuator Type:

Double Acting (Fail in Place)

Fail-Safe

Spring Return Electric

Battery Backup Electric

Fail Open

Fail Closed

Time for 90° Rotation: _____

Enclosure:

Nema 4

Other

Nema 7

Options:

Brake

Auxiliary Limit Switches

Manual Override

Thermostat

Position Transmitter

Potentiometer

Control Type:

Modulating

4-20mA

0-10v

1-5v

ON/OFF

Section B: Pneumatic

Actuator Type:

- Air to Air (Double Acting)
- Air to Spring (Spring Return)
 - Fail Open
 - Fail Closed

Air Supply Pressure to Actuator:

PSI: _____

NOTE: Cannot have positioner on valve if already using solenoid/limit switch

Options:

- Solenoid Valve
 - Coil Voltage
 - 120VAC
 - 24VAC
 - 24VDC
 - 12VDC
 - Coil Enclosure
 - Nema 4
 - Nema 7
- Speed Control Mufflers
- Limit Switch
 - Nema 4
 - Nema 7
- Positioner
 - Electro-Pneumatic (4-20mA)
 - Pneumatic (3-15psi)

Notes: