

Actuation Questionnaire

Valve Selection

Media Type in Valve:

Wet Dry

Name of Fluid _____

Max Media Pressure _____

Max Media Temperature _____

Valve Size _____

Model _____

Frequency of Operation _____

Quantity _____

Actuator Selection

Electric Pneumatic

If Electric, proceed to Section A

If Pneumatic, proceed to Section B

Valve Type:

Ball

Material:

Brass
Carbon Steel
Stainless Steel
PVC
Other Alloys

Connection Type:

Threaded
Solder
Socket Weld
Flanges
Butt Weld
Class 150
Class 300
Class 600

Butterfly

Seat Material:

EPDM
Buna
Viton
PTFE
Supralon
UHMWPE
PEEK
Other

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 NEMA 7 Other

Options:

Brake Thermostat
Auxiliary Limit Switches Position Transmitter
Manual Override Potentiometer

Control Type:

Modulating ON/OFF
4-20mA
0-10V
1-5V



Actuation Questionnaire (Continued)

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:



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