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Flowrite

Control Valve
Application Data Sheet

Form ADS#11FW V2

Selecting the correct valve size and type is extremely important in order to maintain accurate control and long valve life. To get the valve that best meets your needs, please be sure to answer every question noted as "Required" on this Application Data Sheet.

Sample Application
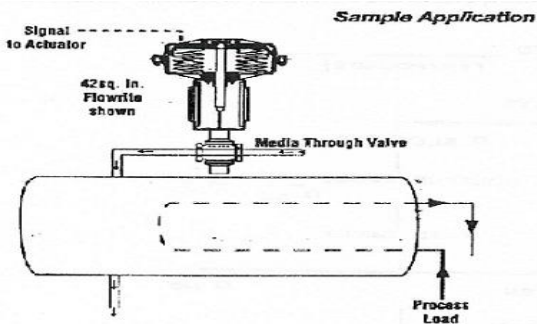
Media ThroughValve [E]

☐ **Steam**
Inlet Pressure [R] _____
Flowing Pressure Drop [N] _____

☐ **Water**
Inlet Pressure [R] _____
Flowing Pressure Drop [N] _____

☐ **Other**
Material Flowing Through Valve _____
Inlet Pressure [R] _____
Flowing Pressure Drop [N] _____
Temperature [R] _____

Close off differential _____

Valve Style [R]

☐Normally Open   ☐Double Acting
☐Normally Closed   ☐_____
☐Mixing or By Pass

Valve Body Material [R]   **Process Connection**

☐Bronze   ☐Steel   ☐Screwed
☐Iron   ☐150#Flanged
☐Stainless   ☐300#Frlanged

Packing Requirements [N]

☐Service under 300°F   ☐EP V-Ring
☐Service under 250°-400°F   ☐Teflon V-Ring
☐Service 250°-500°F   ☐Graphite
                              ☐_____

Capacity [E]
Cv Rating   _____
GPM or #/hr.   _____

Process Load [E]
•Flow (GPM) of
material to be

heated,cooled,o   _____
•Temperature increase or decrease
of material   _____

Flow Characteristic and Trim Material[N]
☐Linear   ☐316 SS
☐Equal %   ☐Stellite
☐Bronze   ☐_____

Actuator Requirements [R]
•**Signal to Actuator**
☐3-15 psi from I/P

☐1-17 psi from I/P
☐_____PSI from Positioning Relay
☐_____PSI from Pneumatio Controller
•**Actuator Span**
☐Full Range 3-15 Nominal
☐Split Range 3-8 psi
☐Split Range10-15 psi
☐Extended Range 0-50 Maximum PSI

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Water Tempering Innovation Since 1891

Please fax the completed form to 901-357-1379
or email to centro@centromemphis.com

CENTRO, INC.

Accessories [R]

☐Positioning Relay
☐I/P Transducer
☐I/P Positioner Combination
☐Gauge Set

Close Off Requirements [R]

☐Class 2 (leakage to be 0.5% of max. flow or less) [most double seat]
☐Class 3 (leakage to be 0.1% of max. flow or less)
☐Class 4 (leakage to be 0.1% of max. flow or less) [most single seat]

Part Number _____

NOTES
[R] **Required**
[E] **Either or**
[N] **Nice To Have**