



**Lesman**  
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**Instruments • Valves • Controls**

480

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This is a:  Request for Quote  Order: PO# \_\_\_\_\_

Quantity Needed: \_\_\_\_\_ Date Required: \_\_\_\_/\_\_\_\_/\_\_\_\_

Shipping Method: \_\_\_\_\_ Partials Accepted:  Yes  No

## Control Valve Application Datasheet

Project Name: \_\_\_\_\_

Tag #: \_\_\_\_\_

### Service Conditions

Type of Control Service  Pressure  Flow  
 Back Pressure  Level

Process Media: \_\_\_\_\_

If Steam:  Saturated  Superheated

Sticky or Dry Gas?  Yes  No

### Process Pipe

Line Size \_\_\_\_\_  In.  mm.

Pipe Material \_\_\_\_\_

Pipe Schedule \_\_\_\_\_

### Process Conditions

	Min.	Normal	Max.	Units
Pressure	_____	_____	_____	<input type="checkbox"/> PSI <input type="checkbox"/> bar
Temp.	_____	_____	_____	<input type="checkbox"/> °C <input type="checkbox"/> °F
ΔP	_____	_____	_____	<input type="checkbox"/> PSI <input type="checkbox"/> bar
Flow Rate	_____	_____	_____	<input type="checkbox"/> GPM <input type="checkbox"/> PPH <input type="checkbox"/> SCFM <input type="checkbox"/> Other: _____

Specific Gravity/Mol Weight \_\_\_\_\_

Viscosity \_\_\_\_\_ Required Cv \_\_\_\_\_

Flow Characteristic  Equal %  Linear

Shutoff Class  Class IV  Class V  Class VI  
 Other \_\_\_\_\_

### Valve Type

**Ball Valve, Globe, or Sliding Gate:**  Standard Bore  Full Bore  V-Port  
 Multi-Port 3-Way:  Diverting  Mixing

**Butterfly Valve:**  Wafer  Lug

Body Material:  Carbon Steel  Stainless Steel  
 Cast Iron  Ductile Iron  
 Alloy 20  Bronze  
 Other \_\_\_\_\_

Trim Material:  Stainless Steel  Other \_\_\_\_\_

Seat Material:  Teflon  Reinforced Teflon  
 BUNA N  EPDM  
 Viton  Other \_\_\_\_\_

Process Connections:  NPT  Socket Weld

Butt Weld Pipe Sched \_\_\_\_\_  
 Butt Weld Tube End  
ANSI Flange Rating:  150  300  600

Fire Safe?  Yes  No

### Actuation

Haz. Area Class: \_\_\_\_\_

Pneumatic Actuator  Spring Fail Open  Spring Fail Closed  
 Double Acting  Fail Last  
Supply Air: \_\_\_\_\_ PSIG

Electric Actuator  Signal Fail Open  Signal Fail Closed  
 Spring Fail Open  Spring Fail Closed  
Voltage: \_\_\_\_\_  AC  DC

Outdoor or High Humidity

### Accessories

Haz. Area Class: \_\_\_\_\_

Positioner Type  Pneumatic  Electro-Pneumatic  
 Integral for Electric Actuator  Smart/HART  
Manual Override?  Yes  No

Input Signal  3-15 PSI  4-20 mA  
 ASI Bus  DeviceNet  
 Profibus DP or PA  Foundation Fieldbus

Limit Switches \_\_\_\_\_ Qty \_\_\_\_\_ Amp Rating \_\_\_\_\_ Units  AC  DC

Output Signal  4-20 mA

Other Accessories  Beacon Indicator  Gauges  
 Filter/Regulator with Gauge

### Notes: