



480

V11.2013

INSTRUMENTS • VALVES • CONTROLS

Chicago Area Office 135 Bernice Dr, Bensenville IL 60106
Ph: 800-953-7626 • 630-595-8400
Fax: 630-595-2386
Milwaukee Area Office 5160 N 125th St, Butler WI 53007
Ph: 800-837-1700 • 262-923-1790
Fax: 262-923-1797

E-mail: sales@lesman.com

Contact: _____ Ext. _____

Name: _____

Company: _____

Street: _____

City: _____ State: _____ Zip: _____

E-mail Address: _____

Phone: (____) _____ Fax: (____) _____

This is a: [X] Request for Quote [X] Order: PO# _____

Quantity Needed: _____ Date Required: ____/____/____

Shipping Method: _____ Partial Accepted: [X] Yes [X] No

Control Valve Application Datasheet

Project Name: _____

Tag #: _____

Service Conditions

Type of Control Service Pressure Flow Back Pressure Level
Process Media: _____
If Steam: Saturated Unsaturated
Sticky or Dry Gas? Yes No

Process Conditions

Min. Normal Max. Units
Pressure _____ PSI bar
Temp. _____ °C °F
ΔP _____ PSI bar
Flow Rate _____ GPM PPH SCFM
Other: _____

Process Pipe

Line Size _____ in mm
Pipe Material _____
Pipe Schedule _____

Specific Gravity/Mol Weight _____

Viscosity _____ Required Cv _____

Control Required: Fine Coarse
Equipment Grade: Commercial Industrial/Process

Flow Characteristics Equal % Linear
Shut-off Class Class IV Class V Class VI
Other _____

Valve Type

Ball, Globe, or Sliding Gate Valve: 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

New or Replacement Process Valve Questionnaire

Detailed answers to the questions below will help us determine the best fit/best value solution when supplying a new or replacement valve.

Questions for Both New AND Replacement Valves

1. Describe what the valve does for a living. How does it affect the process?

2. What types of equipment are in the piping upstream of the valve?

3. What types of equipment are in the piping downstream of the valve?

4. Assessment/expectation of the valve's overall performance?

5. What is the acceptable timeframe between valve installation and maintenance or replacement?

6. What additional functionality is required?

Additional Questions for Valve Replacements

1. Describe existing valve (brand, type, model, id plate data)

2. When was it put in service?

3. How often does it cycle?

4. What is wrong with the existing valve?

