

by ITT EVG

Revision 2

Customer _____

Address _____

Project Description _____

Contact _____ Phone _____

Date _____

Valve Port Configuration

Round _____ Preferred Dimension _____

Square _____ Preferred Dimension _____

Nominal Pipe Size _____

Actual Pipe ID _____

Upstream Flange Configuration _____

Downstream Flange Configuration _____

Pipe Material _____

Service Pressure Rating _____

Design Pressure Rating _____

System Hydrotest Pressure _____

Face to Face Dimension Required _____

Clearance Constraints: Attach Sketch

Valve Orientation

Horizontal Pipe

Valve Stem Vertical

Valve Stem Horizontal

Valve Stem _____ degrees above/below horizontal

Vertical Pipe

Seat Up Seat Down N/A

Other Orientation, specify _____

Special Standards Compliance Required _____

Service Environment

Geographic Location _____

Indoor Outdoor

Ambient Temperature _____

Corrosive Environment _____

Non-Corrosive Environment _____

Buried

Submerged, depth _____

Explosive

Preferred Valve Type

Knife Gate Valve Slide Gate Valve Wedge Gate Valve

Slurry Valve Butterfly Valve

Other, specify _____

Preferred Wetted Parts Material _____

Preferred Non-Wetted Parts Material _____

Preferred Seat Material: _____

Service Mode

On/Off _____

Minimum Closure Time _____ Maximum Closure Time _____

Modulating _____

Flow rate gpm/cfm, Normal _____, Maximum _____, Minimum _____

Shutoff Required

Bubble Tight _____, Maximum _____, Minimum _____

ANSI Leakage Class _____

Unidirectional _____

Pressure Tight Downstream Pressure Tight Upstream

Bi-directional - Yes No

Valve Cyclic Interval _____ **cycles/per** _____

Differential Pressure Across Valve when Closed

Upstream _____

Downstream _____

Media

Gas _____

Dry Lubricated

Contaminants _____

Type _____

Percent by Volume _____

Particle Size _____

Liquid

Corrosive Non corrosive Clear Solids

Type _____

Percent by Volume _____

Particle Size _____

Chemical Makeup _____

Abrasive

Dry Powder

Material _____

Particle Size _____

Compacting _____

Angle of Repose _____

Sticky - Yes No

Media Temperature

Normal _____

Design _____

Media Velocity _____

Special Media Considerations _____

Operator

Self Supporting Externally Supported

Gear Operator Handwheel Chainwheel

Preferred Maximum Rimpull _____

2" AWWA Nut

Operator available torque _____

Cylinder

Air _____

Available Air Pressure _____

Estimated _____

Confirmed at Site _____

Available Air Volume _____

Estimated _____

Confirmed at Site _____

Hydraulic _____

Available Pressure _____

Estimated _____

Confirmed at Site _____

Available Volume _____

Estimated _____

Confirmed at Site _____

Double Acting _____

Fail Safe Required _____

Fail on Loss of Air/Hydraulic

Open Close Last

Fail on Loss of Electrical

Open Close Last

Fail-Safe System w/Accumulator

Filter/Regulator

Solenoid Voltage _____ Phase _____

Other Accessories _____

Special Cylinder Considerations _____

Electric Motor

Voltage _____

Phase _____

Cycles _____

NEMA Rating _____

Reversing Starter _____

Transformer _____

Mechanical Dial Position Indicator _____

If Modulating Service

Push Buttons

Number _____

Lights _____

Positioner Input Signal _____

Selector Switch

Other Requirements _____

Engineered Valves Group

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