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|  | **Valve Sizing & Application Form** |
| 9955 International Blvd. Cincinnati, OH 45246PH: 513-247-5465 | www.atcontrols.com | **Date:** | *enter date* |
| **Customer:** | *enter customer name* |
| **Project:** | *enter project* |
| **Contact:** | *enter contact name* | **Phone:** | *enter phone* | **Email:** | *enter email* |
| **Valve Type:** | *enter valve type* |
| **Valve Model/Part Number:** | *enter model/part number* |
| **Service:** | CLICK to select service |
| **Number of Cycles (90° Rotation):** | *enter* *cycles* | *CLICK to enter time amount* | **Cycle Speed Requirement:** | *enter speed requirement with units* |
| **Area Classification:** | *CLICK to select area classification* |
| **FLUID, PIPING & VALVE PROPERTIES** |
| **Flowing Media:**  | *enter flowing media* |
| **Concentration:** | *enter concentration* | *units* |
| **pH:** | *enter pH* |
| **Solid % Concentration Range:** | *enter solid % concentration range* | *units* |
| **Particle Size:** | *enter particle size* | *units* |
| **Pipe Material:** | *enter pipe material* |
|  | **Size** | **Sch** | **Pipe/Ends Connections** |
| **Pipe In:** | *pipe in/size* | *pipe in/sch* | *pipe/ends connections* |
| **Pipe Out:** | *pipe out/size* | *pipe out/sch* | *pipe/ends connections* |
| **ASME Pressure Class Rating** | *enter ASME Pressure Class Rating* |
| **Shutoff Required:** | *CLICK to select shutoff required* |
| **Vacuum Rating Required:** | *if yes, enter vacuum conditions with units* |
| **NACE Required:** | *CLICK to select NACE standard required* |
| **VALVE PROCESS CONDITIONS** |
|  | **Minimum** | **Normal** | **Maximum** | **Condition 4** | **Units** |
| **Flow Rate:** | *min* | *normal* | *max* | *condition 4* | *units* |
| **Inlet Pressure:** | *min* | *normal* | *max* | *condition 4* | *units* |
| **Outlet Pressure:** | *min* | *normal* | *max* | *condition 4* | *units* |
| **Pressure Drop:** | *min* | *normal* | *max* | *condition 4* | *units* |
| **Temperature:** | *min* | *normal* | *max* | *condition 4* | *units* |
| **Specific Gravity:** | *min* | *normal* | *max* | *condition 4* |  |
| **Molecular Weight:** | *min* | *normal* | *max* | *condition 4* | *units* |
| **Critical Pressure:** | *min* | *normal* | *max* | *condition 4* | *units* |
| **Vapor Pressure:** | *min* | *normal* | *max* | *condition 4* | *units* |
| **Viscosity:** | *min* | *normal* | *max* | *condition 4* | *units* |
| **ACTUATOR INFORMATION** |
| **Type:** | *CLICK to choose an item* | **Electrical Classification:**  | *CLICK to choose Type* |
| **Supply:** | **Air Supply:** | *enter* *air supply* | psig | **Power Voltage:** | *enter power voltage* | *units* |
| **Fail Position:** | *CLICK to choose a fail position* | **Manual Override:**  | *CLICK to choose yes or no* |
| **VALVE ACCESSORIES** |
| **Positioner Required:** | *CLICK to choose yes or no* |
| **Continuous Position Feedback:** | *CLICK to choose yes or no*  |
| **Limit Switches:** | *CLICK to choose yes or no*  | *enter Type* | *enter quantity* |
| **Solenoid Required:** | *CLICK to choose yes or no*  | **If yes, specify voltage:** | *CLICK here to enter voltage* |
| **Air Set Filter Regulator:** | *CLICK to choose yes or no*  |
| **Please add special notes for consideration:** | *enter special notes for consideration* |

**Note:** Please provide as much information as possible. The highlighted parameters above represent the **minimum** requirements to perform basic control valve sizing calculations. More information may be requested if deemed that it is needed.

Send completed form to sales@atcontrols.com