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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | **Valve Sizing & Application Form** | | | | | | | | | | | | | | | | | | | | |
| 9955 International Blvd. Cincinnati, OH 45246 PH: 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](mailto:sales@atcontrols.com?subject=Valve%20Sizing/Application%20Form)