|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | **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#: | | *enter model/part number* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service: | | *CLICK to select service* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Number of Cycles Per: | | *cycles* | | | | / year | | | | | | *cycles* | | | | | | | / month | | | | | | | | |
|  | | *cycles* | | | | / week | | | | | | *cycles* | | | | | | | / day | | | | | | | | |
|  | | *cycles* | | | | / hour | | | | | | *cycles* | | | | | | | / minute | | | | | | | | |
| Area Classification: | | *CLICK to select area classification* | | | | | | | | | | | | | | | | | | | | | | | | | |
| **FLUID, PIPING & VALVE PROPERTIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flowing Media: | | *enter flowing media* | | | | | | | | | | | | | | | | | | | | | | | *units* | | |
| Concentration: | | *enter concentration* | | | | | | | | | | | | | | | | | | | | | | | *units* | | |
| Specific Gravity: | | *enter specific gravity* | | | | | | | | | | | | | | | | | | | | | | | *units* | | |
| Vapor Pressure: | | *enter vapor pressure* | | | | | | | | | | | | | | | | | | | | | | | *units* | | |
| Viscosity: | | *enter viscosity* | | | | | | | | | | | | | | | | | | | | | | | *units* | | |
| pH: | | *enter pH* | | | | | | | | | | | | | | | | | | | | | | | *units* | | |
| Solid % Concentration Range: | | *enter solid % concentration range* | | | | | | | | | | | | | | | | | | | | | | | *units* | | |
| Particle Size: | | *enter particle size* | | | | | | | | | | | | | | | | | | | | | | | *units* | | |
| Pipe Material: | | *enter pipe material* | | | | | | | | | | | | | | | | | | | | | | | *units* | | |
|  | | 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* | | | | | | | | | | | | | | |
| ANSI Class Pressure Rating | | *enter ANSI class pressure rating* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leakage Class Required: | | *CLICK to select leakage class required* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuum Rating Requried: | | *CHOOSE yes or no* | | | | | | | | | | | | | | | | | | | | | | | | | |
| If Yes, Specify Vacuum Conditions | | *if yes, enter vacuum conditions* | | | | | | | | | | | | | | | | | | | | | | | | | |
| NACE Required | | *CHOOSE yes or no* | | | | | | | | | | | | | | | | | | | | | | | | | |
| If Yes, Specify Required Standard: | | *If yes, enter required standards* | | | | | | | | | | | | | | | | | | | | | | | | | |
| **VALVE PROCESS CONDITIONS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | Min | | | | | Norm | | | | | | | Max | | | | | | | Cond(4)\* | | | | | Units | |
| Flow Rate: | | *min* | | | | | *Norm* | | | | | | | *max* | | | | | | | *cond(4)\** | | | | | *units* | |
| Inlet Pressure | | *min* | | | | | *Norm* | | | | | | | *max* | | | | | | | *cond(4)\** | | | | | *units* | |
| Outlet Pressure: | | *min* | | | | | *Norm* | | | | | | | *max* | | | | | | | *cond(4)\** | | | | | *units* | |
| Pressure Drop: | | *min* | | | | | *Norm* | | | | | | | *max* | | | | | | | *cond(4)\** | | | | | *units* | |
| Temperature | | *min* | | | | | *Norm* | | | | | | | *max* | | | | | | | *cond(4)\** | | | | | *units* | |
| **ACTUATOR INFORMATION** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type: | | Choose an item. | | | | | | | | | | | | | | | Electrical Classification: Choose Type | | | | | | | | | | |
| Supply: | | Air Supply | | | | | *air supply* | | | | | | | | psig | | Power Voltage | | | | | | | *power voltage* | | | VAC/DC |
| Fail Position: | | *CLICK to choose a fail position* | | | | | | | | | | | | | | | Manual Override: *CHOOSE Yes or No* | | | | | | | | | | |
| **VALVE ACCESSORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Positioner Required: | | *CHOOSE yes or no* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Continuous Position Feedback: | | *CHOOSE yes or no* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit Switches: | | *CHOOSE yes or no* | | | | | | | | | *Enter Type* | | | | | | | | | | | | Quantity | | | | |
| Solenoid Required: | | *CHOOSE yes or no* | | | | | | | If yes, specify voltage: | | | | | | | | | | | *CLICK here to enter voltage* | | | | | | | |
| Air Set Filter Regulator: | | *CHOOSE yes or no* | | | | | | | | | | | | | | | | | | | | | | | | | |
| Please add special notes for consideration: | | | *CLICK here to enter special notes for consideration* | | | | | | | | | | | | | | | | | | | | | | | | |

Send completed form to [sales@atcontrols.com](mailto:sales@atcontrols.com?subject=Valve%20Sizing/Application%20Form)