|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **GENERAL DATA** | 1 | SITE | | | Puente de Regulación Tejatambo | |  | |
| 2 | TAG NUMBER | | | PCV-1000, PCV1001 | |  | |
| 3 | QUANTITY | | | 2 | |  | |
| 4 | SERVICE | | | Natural Gas | |  | |
| 5 | FUNCTION | | | Pressure Control Valve | |  | |
| 6 | LINE NUMBER | | | Skid | |  | |
| 7 | HAZARDOUS AREA | | | ASME Approved | |  | |
| **PROCESS DATA** | 8 | FLUID | | | Natural GAs | |  | |
| 9 | SPECIFIC GRAVITY RANGE | | | 0.64 | |  | |
| 10 | PRESSURE P1 (Psig) | | | 750 | |  | |
| 11 | DESIGN PRESSURE (Psig) | | | 1480 | |  | |
| 12 | FLOW (MMscfd) | MAXIMUM | | 13.5 | |  | |
| 13 | MINIMUM | | 8.5 | |  | |
| 14 | OPERATING  PRESSURE (PSIG) | MAXIMUM | | 600 | |  | |
| 15 | MINIMUM | | 420 | |  | |
| 16 | TEMPERATURE (°F) | MAXIMUM | | 83.5 | |  | |
| 17 | MINIMUM | | 60 | |  | |
| **BODY DATA** | 18 | TYPE OF BODY | | | Globe Valve | |  | |
| 19 | BODY SIZE | | PORT SIZE | 2" | 2 5/16" |  |  |
| 20 | GUIDING | |  | Cage |  |  |  |
| 21 | END CONNECTION RATING | | | 2 Inch CL600 RF Flg | |  | |
| 22 | CONFIGURATION | FLOW CHARACTERISTIC | |  | Linear |  |  |
| 23 | BODY MATERIAL | | | WCC | |  | |
| 24 | Cv (Min - Max) | | | 11.77 – 23.96 | |  | |
| 25 | PACKING MATERIAL | | | Single PTFE | |  | |
| 27 | CAGE MATERIAL | | | By vendor | |  | |
| 28 | TRIM TYPE | | | By vendor | |  | |
| 29 | TRIM MATERIAL | | | S31600 SST/CoCr-A Seat/Guide | |  | |
| 30 | SEAT MATERIAL | | | S31600 SST/CoCr-A Seat | |  | |
| 31 | REQUIRED SEAT TIGHTNESS | | | Class V | |  | |
| 32 | MAXIMUM ALLOWABLE SOUND LEVEL (DB) | | | 85 | |  | |
| 32 | MANUFACTURER | | | Fisher | |  | |
| 34 | MODEL | | | ED | |  | |
| **ACTUATOR DATA** | 35 | ACTUATOR TYPE | | | Diaphragm & Spring | |  | |
| 36 | MODEL | | | 667 | |  | |
| 37 | SUPPLY | | | Instrument Gas (Power Gas) | |  | |
| 38 | SIZE | | |  | |  | |
| 39 | BENCH SET | | |  | |  | |
| 40 | SUPPLY PRESSURE TO ACTUATOR (PSI) | | | Fisher 1367 | |  | |
| 41 | FAIL | | | Close | |  | |
| 42 | TRAVEL | | | By vendor | |  | |
| 43 | HANDWHEEL | | | No | |  | |
| 44 | MANUFACTURER | | | Fisher | |  | |
| **POSITIONER DATA** | 45 | POSITIONER TYPE | | | Pneumatic | |  | |
| 46 | MODEL | | | C1 | |  | |
| 47 | POSITIONER STYLE | | | Fisher C1 | |  | |
| 48 | INPUT SIGNAL | MAXIMUM VOLTAGE | |  |  |  |  |
| 49 | ACTION | | | Reverse | |  | |
| 50 | MOUNTING | | | Integral | |  | |
| 51 | GAUGES | | | Yes | |  | |
| 52 | TERMINAL BOX ELECTRICAL | | | N/A | |  | |
| 53 | MANUFACTURER | | | Fisher | |  | |
| **OTHER** | 54 | REGULATOR | RANGE (PSIG) | | - | - |  |  |
| 55 | SUPPLY GAUGE | | | YES | |  | |
| 56 | STRAINER | | | YES | |  | |
| 57 | HOUSING VENT | | | By Vendor | |  | |
| 58 | INTERNAL RELIEF | | | By Vendor | |  | |
| 59 | OTHERS | | | Fitting Swagelok | |  | |
| **Reference Documents:** | | | | | | | | |
| **Notes:**  N/A → No Apply   1. Vendor must include a Certificate of Conformance. 2. Supply gas equipment must be for natural gas service - 3. Vendor Must Include Catalogues 4. Despite low operating pressure End Customer required design pressure up to 1480 psig   - | | | | | | | | |