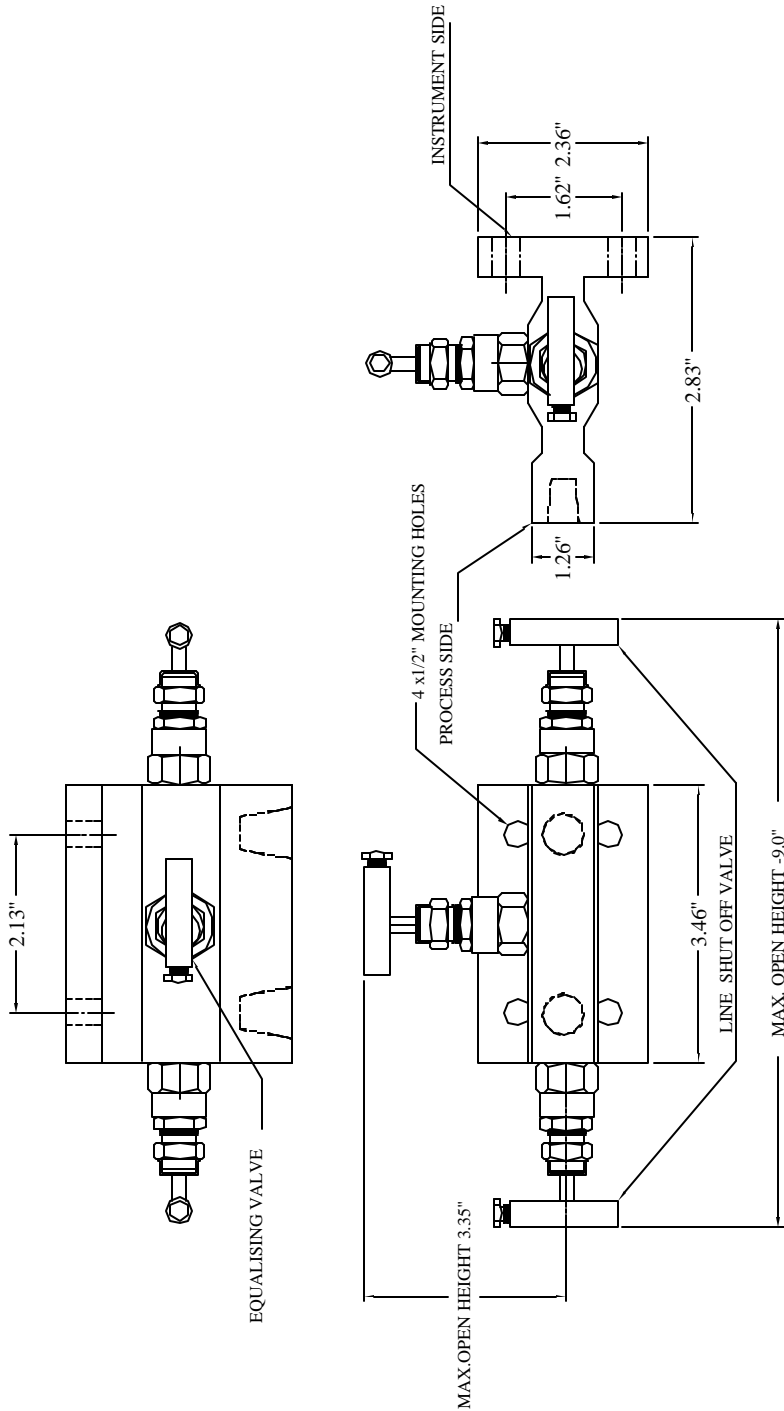


AURA 3 VALVE MANIFOLD—SINGLE FLANGED, INTEGRAL (T) TYPE

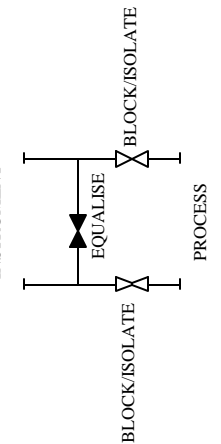
| | | | | | | | | | | |
|-------------------------------|------------------|---|--------------------|-----------------|-----------|------------------|--------|-----------|----------|-----------|
| DESCRIPTION | : | For use with D/P transmitters. Direct mount to transmitter. Two process isolation valves, One equalizing valve | | | | | | | | |
| CONNECTIONS | : | Instrument Flanged, Process – 1/2” NPT (F) | | | | | | | | |
| BODY | : | Forged single piece CS, ASTM A-105 plated or ASTM A182 F 316SS | | | | | | | | |
| STEM | : | Close tolerance surface finish, cold rolled threads, ASME SA-479 Type 316 SS | | | | | | | | |
| NEEDLE TIP | : | Self centering, non-rotating, hardened & ground. ASME SA-479 Type 316 SS | | | | | | | | |
| UPPER/LOWER GLAND BODY | : | SS locking pin provided. CS, ASTM A108 plated or ASME SA-479 Type 316 SS | | | | | | | | |
| GLAND PACKING | : | Adjustable, below stem thread design (PBT), prevent process fluid contact with stem threads. PTFE for Temp. below 400°F/Graphite for Temp. above 400°F. | | | | | | | | |
| HANDLE | : | ‘T’ bar handle. CS, ASTM A108 plated or ASME-SA-479 Type 316 SS | | | | | | | | |
| WASHER | : | ASME-SA-479 Type 316 SS | | | | | | | | |
| PRESSURE/TEMPERATURE | : | <table border="0" style="display: inline-table; vertical-align: top;"> <tr> <td style="text-align: center;"><u>TEMPERATURE</u></td> <td style="text-align: center;"><u>PRESSURE</u></td> </tr> <tr> <td style="text-align: center;">200 °F</td> <td style="text-align: center;">6,000 psi</td> </tr> <tr> <td style="text-align: center;">500 °F</td> <td style="text-align: center;">4,000 psi</td> </tr> <tr> <td style="text-align: center;">1,000 °F</td> <td style="text-align: center;">1,500 PSI</td> </tr> </table> | <u>TEMPERATURE</u> | <u>PRESSURE</u> | 200 °F | 6,000 psi | 500 °F | 4,000 psi | 1,000 °F | 1,500 PSI |
| <u>TEMPERATURE</u> | <u>PRESSURE</u> | | | | | | | | | |
| 200 °F | 6,000 psi | | | | | | | | | |
| 500 °F | 4,000 psi | | | | | | | | | |
| 1,000 °F | 1,500 PSI | | | | | | | | | |
| TEST PRESSURES | : | Body: Hydrostatic at 6,000 psi Seat & Gland: 1,000 psi with Nitrogen | | | | | | | | |
| PIPE MOUNTING FACILITY | : | Drilled holes provided for brackets | | | | | | | | |
| OPTIONS | : | <ul style="list-style-type: none"> • Material of construction confirming to NACE MR-01-75 • Other Materials available for corrosion resistance • Soft seat | | | | | | | | |
| PART NOS- | : | <table border="0" style="display: inline-table; vertical-align: top;"> <tr> <td style="padding-right: 10px;">1) Carbon Steel</td> <td>A3VM-SFT-001-CS</td> </tr> <tr> <td>2) 316 SS</td> <td>A3VM-SFT-001-316</td> </tr> </table> | 1) Carbon Steel | A3VM-SFT-001-CS | 2) 316 SS | A3VM-SFT-001-316 | | | | |
| 1) Carbon Steel | A3VM-SFT-001-CS | | | | | | | | | |
| 2) 316 SS | A3VM-SFT-001-316 | | | | | | | | | |
| AURA DRAWING REF. | : | A3VM-SFT-001 | | | | | | | | |

| | | | | |
|------|------------------|---------|-------|-------|
| REV. | REASON FOR ISSUE | DATE | DRN. | CHKD. |
| 0.00 | REL.FOR MANU. | 12.3.03 | D.K.D | G.G.A |



ALL DIMENSIONS ARE IN INCHES.

PROJECT/CLIENT



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INDIA.
www.aurainc.com

| TEMP. | C.S | S.S | ORIFICE DIA 'D' | Cv |
|------------|---------|---------|-----------------|-----------|
| ROOM T | 6000PSI | 6000PSI | 0.220" | 0.65 MAX. |
| 500 DEG. F | 4000PSI | 4000PSI | | |
| 1000DEG.F | 1500PSI | 1500PSI | | |

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