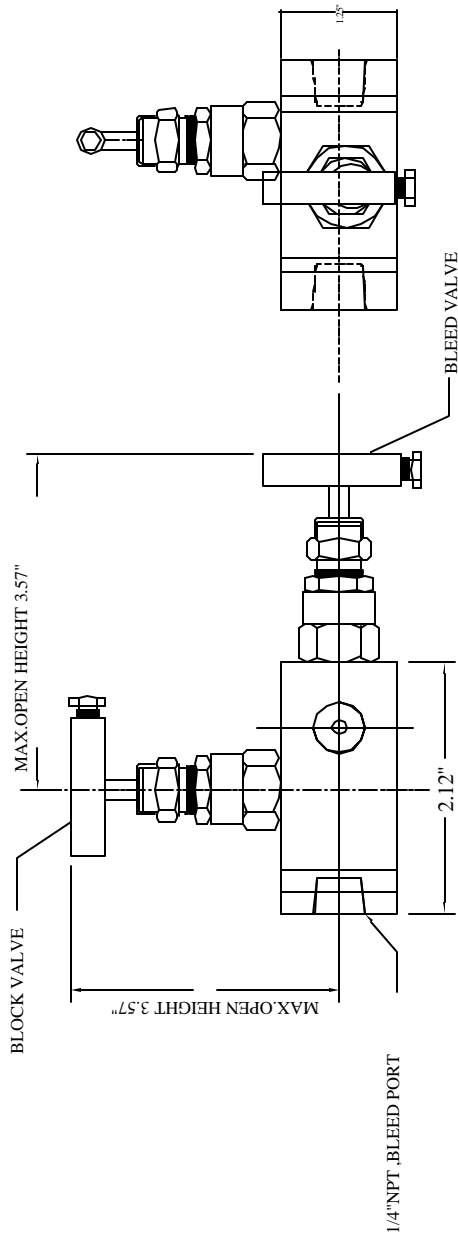
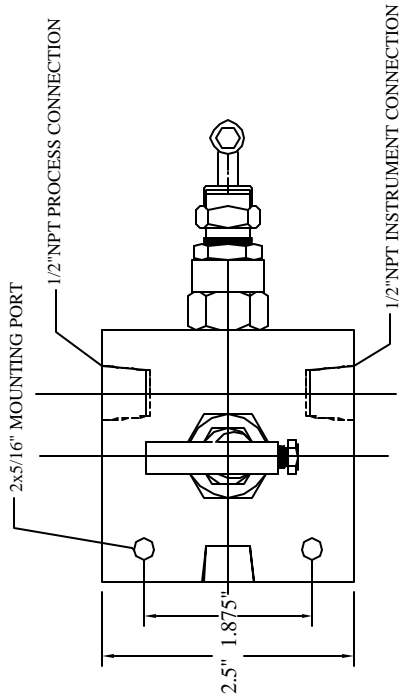


# AURA

## 2 VALVE MANIFOLD – BLOCK & BLEED TYPE

| <b>DESCRIPTION</b>                            | :               | For use with pressure transmitters / switches / gauges, Three Way – Instrument / Process / Drain.   |                    |                 |        |           |        |           |          |           |
|---|-----------------|---|--------------------|-----------------|--------|-----------|--------|-----------|----------|-----------|
| <b>CONNECTIONS</b>                            | :               | Instrument & Process – 1/2” NPT (F)<br>Drain – 1/4” NPT (F) plugged   |                    |                 |        |           |        |           |          |           |
| <b>BODY</b>                                   | :               | Barstock single piece, CS-A108 / A479 - 316 SS.   |                    |                 |        |           |        |           |          |           |
| <b>STEM</b>                                   | :               | Close tolerance surface finish, cold rolled threads, ASME SA-479 Type 316 SS  |                    |                 |        |           |        |           |          |           |
| <b>NEEDLE TIP</b>                             | :               | Self-centering, non-rotating hardened & ground. ASME SA-479 Type 316  |                    |                 |        |           |        |           |          |           |
| <b>UPPER/LOWER GLAND BODY</b>                 | :               | SS locking pin provided. CS, ASTM A108 plated or ASME SA-479 Type 316 SS  |                    |                 |        |           |        |           |          |           |
| <b>GLAND PACKING</b>                          | :               | 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.   |                    |                 |        |           |        |           |          |           |
| <b>HANDLE</b>                                 | :               | ‘T’ bar handle. CS, ASTM A108 plated or ASME-SA-479 Type 316 SS   |                    |                 |        |           |        |           |          |           |
| <b>WASHER</b>                                 | :               | ASME-SA-479 Type 316 SS   |                    |                 |        |           |        |           |          |           |
| <b>PRESSURE/TEMPERATURE</b>                   | :               | <table><thead><tr><th><u>TEMPERATURE</u></th><th><u>PRESSURE</u></th></tr></thead><tbody><tr><td>200 °F</td><td>6,000 psi</td></tr><tr><td>500 °F</td><td>4,000 psi</td></tr><tr><td>1,000 °F</td><td>1,500 psi</td></tr></tbody></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       |   |                    |                 |        |           |        |           |          |           |
| <b>TEST PRESSURES</b>                         | :               | Body: Hydrostatic at 6,000 psi<br>Seat & Gland: 1,000 psi with Nitrogen   |                    |                 |        |           |        |           |          |           |
| <b>PIPE MOUNTING FACILITY</b>                 | :               | Drilled holes provided for brackets   |                    |                 |        |           |        |           |          |           |
| <b>OPTIONS</b>                                | :               | <ul style="list-style-type: none"><li>• Material of construction confirming to NACE MR-01-75</li><li>• Other Materials available for corrosion resistance</li></ul>   |                    |                 |        |           |        |           |          |           |
| <b>PART NOS 1) Carbon Steel<br/>2) 316 SS</b> | :               | A2VM-B&B-001-CS<br>A2VM-B&B-001-316   |                    |                 |        |           |        |           |          |           |
| <b>AURA DRAWING REF.</b>                      | :               | A2VM-B&B-001  |                    |                 |        |           |        |           |          |           |

|      |                  |          |       |       |
|------|------------------|----------|-------|-------|
| REV. | REASON FOR ISSUE | DATE     | DRN.  | CHKD. |
| 0.00 | REL.FOR MANU.    | 14.05.03 | D.K.D | G.G.A |



ALL DIMENSIONS ARE IN INCHES.

**PROJECT/CLIENT**

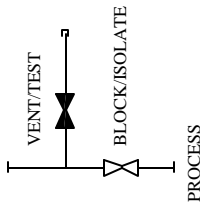
|  |
|--|
| <b>TITLE</b>                           |
| 2 VALVE MANIFOLD<br>BLOCK & BLEED TYPE |

**Aura Inc.**  
D11/3,OKHALA IND. AREA,  
PHASE II, NEW DELHI  
INDIA.  
www.aurainc.com

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DRG NO : A2VM-B&B-001

INSTRUMENT



| TEMP.      | C.S     | S.S     | ORIFICE DIA. 'D' | Cv        |
|------------|---------|---------|------------------|-----------|
| ROOM T     | 6000PSI | 6000PSI | 0.138"           | 0.25 MAX. |
| 500 DEG. F | 4000PSI | 4000PSI |                  |           |
| 1000DEG.F  | 1500PSI | 1500PSI |                  |           |

ALL DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT ANY PRIOR NOTICE. TO BE USED FOR REFERENCE ONLY.