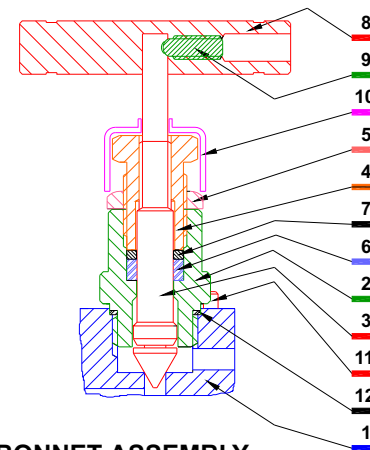
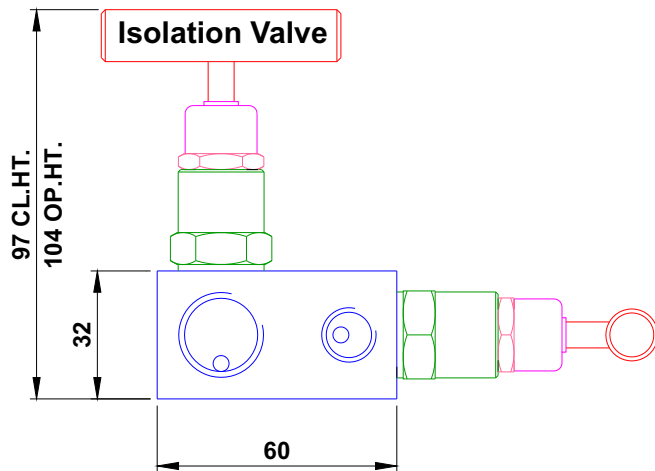


Process
1/2" NPT(F)



BONNET ASSEMBLY

FEATURES :

- 2 VALVE MANIFOLD (STRAIGHT TYPE)

- 2 valve manifolds are designed for remote or separate mounting. Connecting from process side 1/2" NPT(F) and Instrument side 1/2" NPT(F) Connecting system impulse lines and transmitters, having simple two valves configuration which allows for easy block or Isolate, Bleed or Vent valve calibration of a static pressure transmitter or gauge.
- Bleed/vent connection with s.s. plug will be provided on request.
- Approximate weight : 0.95 Kg (2.1 Lbs.).
- Heat code traceability

- BONNET ASSEMBLY

- Screwed bonnet design.
- Bonnet-back seated blow out proof.
- Spindle - Ground and thread rolled.
- Spindle tip-Non rotating tip shut off type
- stellited, Regulating-stellited and soft seated.
- Bonnet pusher - silver plated for anti galling freezing for increased stem cycle life.
- Dust cap protects stem threads from externals contamination.
- Leak tight seal with low operating torque.

| NO | DESCRIPTION | QTY | MATERIAL |
|----|---------------|-----|----------|
| 1 | BODY | 1 | SS 316 |
| 2 | BONNET | 1 | SS 316 |
| 3 | STEM | 1 | SS 316 |
| 4 | BONNET PUSHER | 1 | SS 316 |
| 5 | LOCK NUT | 1 | SS 316 |
| 6 | PACKING | 1 | TEFLON |
| 7 | WASHER | 1 | SS 316 |
| 8 | HANDLE | 1 | SS 304 |
| 9 | GRUB SCREW | 1 | SS |
| 10 | DUST CAP | 1 | PLASTIC |
| 11 | LOCKING PIN | 1 | SS 304 |
| 12 | BONNET SEAL | 1 | TEFLON |

- TECHNICAL SPECIFICATIONS

- Size : 1/4", 1/2"
- End connection : NPT,BSPT,Socket weld.
- Working Pressure : 6000 Psi (413 Bar)
- Temperature Rating : PTFE 450 Deg. F (232 Deg.C) Grafoil 700 Deg. F (371 Deg. C)
- Material of construction : SS 316, SS 304, Monel,C.S.
- Optional Sour Gas service valves are available confirming to NACE Std. MR - 01 - 75
- Stem packing : PTFE, Grafoil.
- Orifice : Dia. 4.0
- All valves are 100% Factory tested prior to shipment.

- APPLICATION

- Refineries, liquid petroleum gas processing plant, petro-chemical plants, systems difficult to shur off due to solid contents dust, rust, dirt etc.

- MANIFOLD SELECTION INFORMATION DATA

- Pressure & temperature ratings are selected from ANSI B 16.34 for standard class 2500

- TESTING

- Pneumatic Seat test is performed at 1/4 of working pressure.
- Hydrostatic shell test is performed at 1.5 times the working pressure.
- Optional test are available upon request.

- LUBRICATION

- Dye molly sulphide

| | | | | | |
|-----------|------------------|--------------|--|--|----|
| DRN. BY | Mr.SATYAWAN | DRAWING NO : | CH - 2VMS - 00 - CL | REV : | 00 |
| APPRD. BY | Mr.TEJINDER | TITLE : | 2 VALVE MANIFOLD - STRAIGHT TYPE (MODEL : 2VMS) (PIPE TO PIPE CONNECTION) | | |
| MATERIAL | AS GIVEN | | | | |
| SCALE | NTS | | | | |
| | THIRD ANGLE PROJ | | | S.D.INDUSTRIES Tel : 91-22-28724724 / 28738511 Fax : 91-22-28752130 Web : www.sdindustries.com Email : sdind@vsnl.com | |