



BONNET ASSEMBLY

FEATURES :

- 3 VALVE MANIFOLD (STRAIGHT TYPE)

- 3 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 three valves configuration which allows for easy two block or isolate, one Equaliser valve calibration of a static pressure transmitter or gauge.
- Bleed/vent connection with s.s. plug will be provided on request.
- Approximate weight : xxx Kg (xxx 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.

- 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

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

DRN. BY	Mr.SATYAWAN	DRAWING NO :	CH - 3VMS - 00 - CL	REV :	00
APPRD. BY	Mr.TEJINDER	TITLE :	3 VALVE MANIFOLD - STRAIGHT TYPE (MODEL : 2VMS) (PIPE TO PIPE CONNECTION)		
MATERIAL	AS GIVEN				
SCALE	NTS			S.D.INDUSTRIES Tel : 91-22-28724724 / 28738511 Fax : 91-22-28752130 Web : www.sdindustries.com Email : sdind@vsnl.com	
		THIRD ANGLE PROJ			