

**BONNET ASSEMBLY**

S.NO.	DESCRIPTION	QTY.	MATERIAL
14	NON ROTATING VEE TIP	5	A564-630
13	WASHER	5	A479-316
12	DUST CAP	5	PLASTIC LD.
11	LOCK PIN	5	A479-316
10	HANDLE	5	A479-316
9	GRUB SCREW	5	STEEL
8	LOCK NUT	5	A479-316
7	SPINDLE	5	A479-316
6	PACKING WASHER	5	A479-316
5	PACKING	5	PTFE/GRAFOIL
4	WASHER	5	A479-316
3	GLAND RETAINER	5	A479-316
2	BONNET	5	A479-316
1	BODY	1	A479-316

**MATERIAL OF CONSTRUCTIONS**

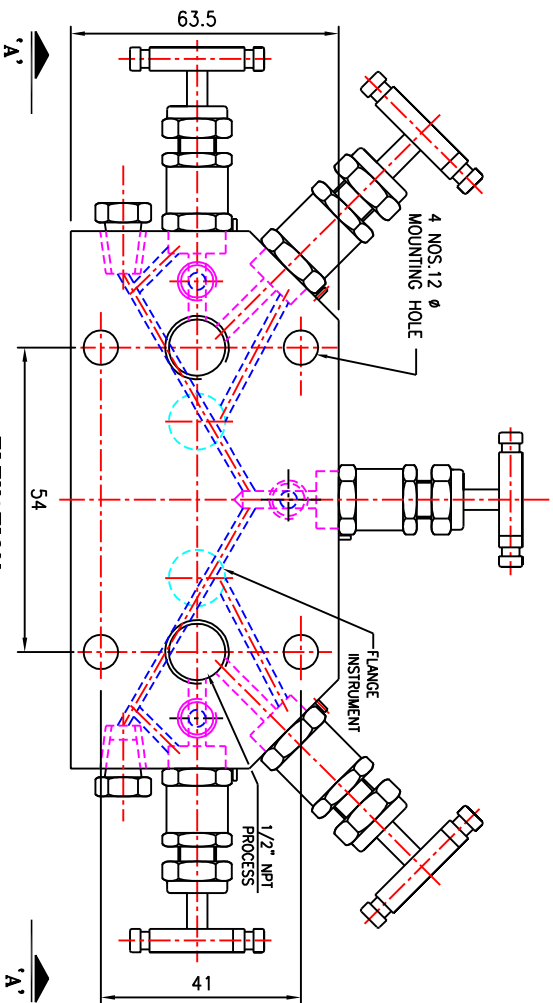
PANAM 5-VALVE MANIFOLD INTEGRAL MOUNTING CONNECTION DESIGNED FOR CONNECTING SYSTEM IMPLUSE LINES & TRANSMITTERS. THIS MANIFOLD CONSISTS TO 1/2" NPT FEMALE CONNECTIONS ON 54mm (2-1/8") CENTERS AND OF TWO EQUALIZER VALVE ,TWO BLOCK VALVES & ONE VENT VALVE.

**FEATURES:**  
 316 S.S. BODY CONSTRUCTION FOR SUPERIOR CORROSION RESISTANCE.  
 NON ROTATING VEE TIP PREVENTS GALING & PROMOTES REPETITIVE SHUT-OFF.  
 OPTIONAL GRAPHFOIL PACKING MATERIAL IS AVAILABLE FOR HIGH TEMP. RATING 1000F @6000 PSI

**TESTING:**  
 PNEUMATIC TEST:- EACH VALVE IS TESTED WITH NITROGEN AT 100 Psi IN ACCORDANCE WITH MSS-SP-61 FOR SEAT & PACKING LEAKAGE.

**HYDRO TEST:-**  
 PERFORMED WITH PURE WATER IN ACCORDANCE WITH MSS-SP-61. BODY TESTED AT 1.5 TIMES & SEAT LEAKAGE TESTED AT 1.1 TIMES OF THE WORKING PRESSURE.

**DESIGN STANDARD:**  
 PRESSURE & TEMPERATURE RATING ARE SELECTED FROM ANSI B16.34 STANDARD CLASS VALVES BASED ON ANSI B16-CLASS 2500 OPTIONAL SOUR GAS SERVICE CONFIRMS TO NACE STD. MR-01-75

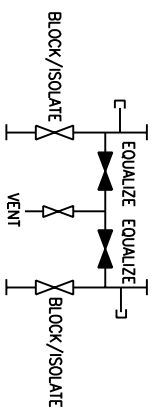


**ELEVATION**

TECHNICAL DATA			
Seat	P. Rot.	Temp. Rot.	Cv
METAL SEAT (41300 kpa)	PTFE (-20 to 250° F (-29° to 121°C))	GRAFOIL (-20 to 600° F (-29° to 315°C))	0.52 max. 4.8 mm.

NOTE:-1) DIMENSIONS ARE IN MM.FOR REFERENCE ONLY.SUBJECT TO CHANGE.

2) APPROXIMATE WEIGHT = 2.4 KG.



**PROCESS SCHEMATIC**

REV.	DESCRIPTION	REVISION	BY	DATE

TITLE:- 5 VALVE MANIFOLD DIRECT MOUNT

DRN.	VPT	SCALE	- NTS.
CHD.	VA	DATE	- 31.01.2005
APPD.	JP	DRG.NO.:	5VM-SS-8-DM

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**PANAM ENGINEERS**  
 AN ISO 9001 : 2000 COMPANY  
 MUMBAI - INDIA