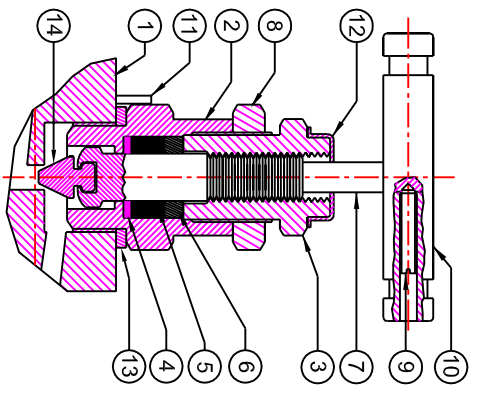


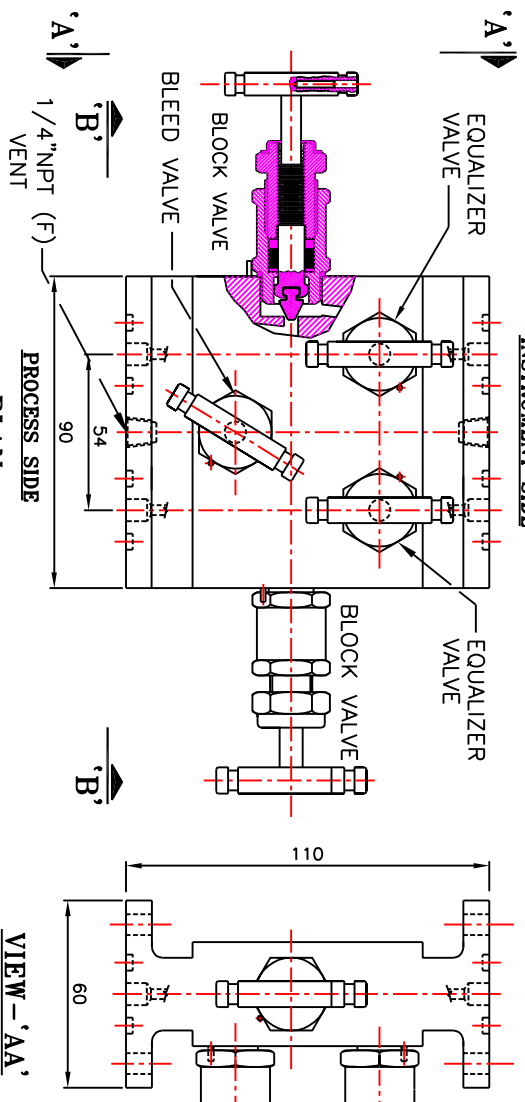
VIEW - 'BB'  
INSTRUMENT SIDE  
4 NOS. 12.5mm. DIA  
MOUNTING HOLE.



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/GRAPFOIL
4	WASHER	5	A479-316
3	GLAND RETAINER	5	A479-316
2	BONNET	5	A479-316
1	BODY	1	A479-316

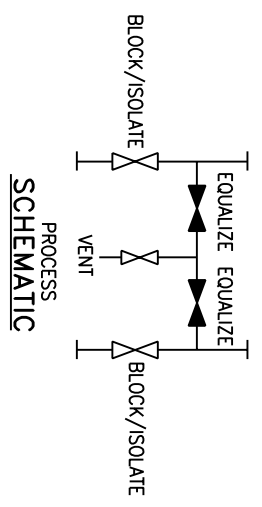
MATERIAL OF CONSTRUCTIONS



PLAN

VIEW - 'AA'

TECHNICAL DATA			
Seat	Pr. Rot.	Temp. Rot.	Cv
METAL SEAT	6000 PSI (41300 kpo)	PTFE -20 to 250° F (-29° to 121°C)	0.52 max.
		GRAFOIL -20 to 600° F (-29° to 315°C)	4.8 mm.



SCHEMATIC

PAVAM 5-VALVE MANIFOLD FLANGE TO FLANGE CONNECTION DESIGNED FOR CONNECTING SYSTEM IMPULSE LINES & TRANSMITTERS. THIS MANIFOLD CONSISTS FLANGED END OUTLET CONNECTION 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 GALLING & PROMOTES REPETITIVE SHUT-OFF. OPTIONAL GRAPHFOIL PACKING MATERIAL IS AVAILABLE FOR HIGH TEMP. RATING 1000°F @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

REV.	DESCRIPTION	REVISION	BY	DATE

TITLE:- 5 VALVE MANIFOLD (FLANGE TO FLANGE)

DRN.	VPT	SCALE - NTS.	
CHD.	VA	DATE - 01.02.2005	
APPD.	JP	DRG.NO.: 5VM-SS-8-H	RO



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

NOTE:-1) DIMENSIONS ARE IN MM.FOR REFERENCE ONLY.SUBJECT TO CHANGE.  
2) APPROXIMATE WEIGHT= 3.94 KG.