



BONNET ASSEMBLY

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

MATERIAL OF CONSTRUCTIONS

PIONEER INDUSTRIES

2 VALVE MANIFOLD PIPE TO PIPE DESIGN FOR SEPARATE MOUNTING. CONNECTING SYSTEM IMPULSE LINES & TRANSMITTERS, HAVING SIMPLE TWO VALVE CONFIGURATION WHICH ALLOWS FOR EASY BLOCK, BLEED & CALIBRATION OF A STATIC PRESSURE TRANSMITTER OR GAUGE.

FEATURES :
 316 S.S. BODY CONSTRUCTION FOR SUPERIOR CORROSION RESISTANCE.
 NON-ROTATING VEE TIP PREVENTS GALLING & PROMOTES REPETITIVE SHUT-OFF.
 OPTIONAL GRAPHOL 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 CONFORMS TO NACE STD. MR-01-75

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

NOTE:-1) DIMENSIONS ARE IN MM.FOR REFERENCE ONLY.SUBJECT TO CHANGE.
 2) APPROXIMATE WEIGHT= 0.95 KG. (2.1 LBS)



SCHEMATIC

REV.	DESCRIPTION	BY	DATE
REVISION			
TITLE: - 2 VALVE MANIFOLD (PIPE TO PIPE) REMOTE MOUNT			
DRN.	SCALE - NTS.		
CHD.	DATE - 02/01/2010		
APPD.	DRG.NO : - 2VM-SS-8-RM		

PIONEER INDUSTRIES
 ISO 9001 - 2008

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