



PART NO.	PART NAME	Material	QTY.
1	Body	ASTM A182 F316	1
2	Gland Body	ASTM A479 SS316	2
3	Stem	ASTM A479 SS316	4
4	Retainer	ASTM A479 SS316	5
5	Bottom Washer	ASTM A479 SS316	5
6	Packing	Graphite	10
7	Vee Tip	ASTM A564 SS174	5
8	Top Washer	ASTM A479 SS316	5
9	Thrust Ring	ASTM A240 SS316	5
10	Check Nut	ASTM A479 SS316	5
11	Handle	ASTM A351 CF8M	2
12	Socket Set Screw	ASTM A193 B8M	3
13	Gland Body	ASTM A479 SS316	3
14	Stem	ASTM A479 SS316	1
15	Handle	ASTM A351 CF8M	3
16	Socket Set Screw	ASTM F912M 45H	2

TESTING

PNEUMATIC TEST: - EACH VALVE IS TESTED WITH NITROGEN AT 80PSI IN ACCORDANCE WITH MSS-SP-99 FOR SEAT AND PACKING LEAKAGE.
 HYDRO TEST: - PERFORMED WITH PURE WATER IN ACCORDANCE WITH MSS-SP-99, 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 B16.34 CLASS 2500
 OPTIONAL
 SOUR GAS SERVICE CONFIRMS TO NACE MR-01-75

NOTES:-

1. ALL DIMENSIONS ARE IN MM. UNLESS SPECIFIED.
2. UNSPECIFIED GEN TOL. : 0.5 MM MAX.
3. UNSPECIFIED GEN ANG. TOL. : 0.1 MAX.
4. UNSPECIFIED ASLY. TOL. : 2MM MAX.
5. UNSPECIFIED TOL. FOR FORGING : 2 MM.(IF APPLICABLE)
6. WEIGHT:- 2565.04 GMS.

TECHNICAL DATA			
Seat	Pressure Rating		Orifice
Metal Seat	6000 psi (41300 kpa)	GRAFOIL	4.80mm
		-65 to 1200°F -54 to 648°C	
See Pressure Temperature Graph			

TITLE:- 5 VALVE MANIFOLD, PROCESS CON.- 1/2" NPT F, INSTRUMENT CON.-DIN EN 61518 / IEC 61518 TYPE B, WP.-6.000PSI, TEE TYPE, GRAFOIL PACKING, METAL SEAT, NACE, SS316.

DRN.	PS	
CHD.	SS	DATE:- 20-May-20
APPD.	DM	DWG NO.- VM-5G



APLISENS S.A.

SCALE - NTS

SHEET 1 OF 1

