



TESTING:

STANDARD TEST: - EACH VALVES IS TESTED WITH NITROGEN AT 1000 PSI FOR SEAT & PACKING LEAKAGE, WITH A MAX. ALLOWABLE LEAK RATE OF 0.1 SEC. / MIN.

HYDRO TEST: - PERFORMED WITH PURE WATER AT 1-1/2 TIMES OF THE WORKING PRESSURE.

LUBRICATION:

MOLLY ANTI- SEIZE LUBRICANT.

NOTES:-

- OPTIONAL GRAPHOIL PACKING AVAILABLE FOR HIGH TEMPERATURE APPLICATION. PANNEL NUTS OPTIONAL.
- END CONNECTIONS AVAILABLE IN MALE OR FEMALE BSP, BSPT & NPT THREADS IN ANGLE OR STRAIGHT PATTENS.
- PACKING BELOW THREADS / BACK SEATING ARRANGEMENT.
- DIMENSIONS ARE FOR REFERENCE ONLY. SUBJECT TO CHANGE.
- VALVE CAN BE SUPPLIED TO MEET CURRENT REVISION OF NACE MR-01-75. (SOURGAS SERVICE)

12	DUST CAP	1	PLASTIC LD.
11	LOCK PIN	1	A276-316 / A-105
10	HANDLE	1	A276-304 / A-105
9	GRUB SCREW	1	STEEL
8	LOCK NUT	1	A479-316 / A-105
7	SPINDLE	1	A276-316 STELLITED/17-4 PH
6	PACKING WASHER	1	A276-316 / A-105
5	PACKING	2	PTFE/GRAFOIL
4	WASHER	1	A276-316 / A-105
3	GLAND RETAINER	1	A479-316 / A-105
2	BONNET	1	A479-316 / A-105
1	BODY	1	A479-316 / A-105
S.NO.	DESCRIPTION	QTY.	MATERIAL

MATERIAL OF CONSTRUCTIONS

TITLE:- NEEDLE VALVE " HB" Series - FF

DRN.		SCALE	N.T.S.
CHD.	DJS	DATE	16/03/2010
APPD.		DRG.NO.	PINV-H-S-_-FF

PIONEER INDUSTRIES

ISO 9001 - 2008

TABLE OF DIMENSIONS:				TECHNICAL DATA			
P-NPTF	L	H-HEX	A-OPEN	ORIFICE	Cv	Pr. Rat.	Temp.Rat.
1/4"	53	25	92	4.8 mm	0.52	6000 PSI (41300 kpa)	-20 to 250° F (-29° to 121°C)
3/8"	53	25	92				
1/2"	75	32	98	6.4 mm.	1.40		
3/4"	75	36	114				