



TESTING:
STANDARD TEST:- EACH VALVES IS TESTED WITH NITROGEN AT 1000 PSI FOR SEAT & PACKING LEAKAGE,

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, BSP T & NPT THREADS IN ANGLE OR STRAIGHT PATTERNS.
- 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)

S.NO.	DESCRIPTION	QTY.	MATERIAL
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/GRAFOL
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

ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

L P-THREADS (TYP)

TABLE OF DIMENSIONS:				TECHNICAL DATA			
P-NPT	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				
3/4"	75	36	114	6.4 mm.	1.40		

REV.	DESCRIPTION	DATE

TITLE : HB SERIES NEEDLE VALVE (F X F)

DRN.	--	SCALE : NTS.
CHK.	--	DRG. NO.: KE/---
APPD.	--	

KWIK FLEX INDUSTRIES
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INDIA