



8	HANDLE	1	SS / CS
7	GRUB SCREW	1	STEEL PLATED
6	GLAND NUT	1	A479-316/CS
5	WASHER	2	A479-316/CS
4	PACKING	1	TEFLON/GRAPHOL
3	STEM	1	A479-316 + 17-4PH
2	PANNEL NUT	1	A479-316/CS
1	BODY	1	A479-316/CS
S.NO.	DESCRIPTION	QTY	MATERIAL

FEATURES:

316 SS CONSTRUCTION FOR CORROSION RESISTANCE.
 EXCELLENT FLOW REGULATION & LEAK TIGHT.
 SLOW OPENING PREVENTS SUDDEN PRESSURE SURGE & INSTRUMENT DAMAGE.
 ONE PIECE BODY CONSTRUCTION. NO WELDING USED.

APPLICATION:

REFINERIES, LIQUID PETROLEUM GAS PROCESSING PLANT. PETRO CHEMICALS PLANTS WHERE SYSTEMS DIFFICULT TO SHUT OFF DUE TO SOLIDE CONTENTS - DUST, DIRT, RUST ETC.

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.

OTHER TEST:- VIBRATIONS, TEMPERATURES, HELIUM ETC. ARE AVAILBLE UPON REQUEST.

LUBRICATION:

MOLLY ANTI-SEIZE LUBRICANT.

NOTES:-

OPTIONAL GRAPHOL PACKING WITH BALL TIP DESIGN AVAILABLE FOR HIGH TEMPERATURE APPLICATION WHICH ENSURE LONG LIFE IN REPETTIVE SHUT OFF SERVICE. SERIES OF END CONNECTIONS LIKE MALE/FEMALE NPT,BSP PIPE THREADED ENDS WITH STRAIGHT AND ANGLE PATTERNS. GLAND NUT OPTIONAL.

VALVE CAN BE SUPPLIED TO MEET CURRENT REVISION OF NACE MR-01-75. (SOURGAS SERVICE)

DIMENSIONS ARE FOR REFERENCE ONLY. SUBJECT TO CHANGE.

TECHNICAL DATA

ORIFICE	Cv	Pr. Rot.	Temp.Rot.
5 mm.	0.65	6000 PSI	-20 to 250° F
6mm	2	(41300 kpd)	(-29° to 121°C)

TABLE OF DIMENSIONS:

SIZE	A	S-SQ.	H-OPEN	L	ORIFICE
1/4"	50	22	69	50	5mm
3/8"	50	25	69	50	5mm
1/2"	68	30	83	60	6mm
3/4"	70	36	89	70	8mm
1"	80	45	102	70	9.5mm

REV.	DESCRIPTION	DATE

TITLE : JB SERIES NEEDLE VALVE (F X F)

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