



PART NO.	PART DESCRIPTION	MATERIAL	QTY.
1	BODY	SS 316	1
2	GLAND BODY	SS 316	1
3	GLAND RETAINER	SS 304	1
4	GLAND SEAL	P.T.F.E.	2
5	CHECK NUT	SS 304	1
6	SPINDLE	SS316	1
7	TRIM	SS 316	1
8	HANDLE	SS 304	1
9	WASHER	SS 316	1
10	LOCK PIN	SS 304	1
11	DUST CAP	P.V.C.	1

FEATURES :-

ONE PIECE BODY CONSTRUCTION FOR HIGH STRENGTH & FULL SAFETY NO WELDING 316 S.S. ONE PIECE BODY CONSTRUCTION FOR SUPERIOR CORROSION RESISTANCE EXCELLENT FLOW REGULATION & LEAK TIGHT. SLOW OPENING PREVENTS SUDDEN PRESSURE SURGE & INSTRUMENT DAMAGE.

TESTING :-

STANDARDS TEST :-

EACH VALVE IS TESTED WITH NITROGEN AT 1000 PSI FOR SEAT AND 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.

APPLICATION :-

REFINERIES, LIQUID PETROLIUM GAS PROCESSING PLANT PETRO DIFFICULT TO TO SHUT OFF DUE TO SOLIDE CONTENTS - DUST, RUST ETC.

NOTES :-

OPTIONAL GRAPHOIL PACKING WITH BALL TIP DESIGN AVAILABLE FOR HIGH TEMPARATURE APPLICATION WHICH ENSURE LONG LIFE IN REPETITIVE SHUT OFF SERVICE. SERIES OF END CONNECTIONS LIKE MALE/FEMALE NPT, BSP PIPE THREADED ENDS WITH STRAIGHT AND ANGLE PATTERNS. DIMENSION ARE FOR REFERENCE ONLY SUBJECT TO CHANGE.

VALVE CAN BE SUPPLIED TO MEET CURRENT REVISION OF NACE

MR-01-75

SERVICE)

MOLLY ANTI-SEIZE LUBRICANT.

(SOURGAS

TECHNICAL DATA			
Orifice	Cv	Pr. Rat	Temp. Rat
5 MM	0.22	10000 PSI (700 BAR)	-65 TO 200°F (-50° TO 93°C)

TABLE OF DIMENSIONS				
SIZE	A	S-SQ	H-OPEN HT.	L
1/4"	60	25	86	60
3/8"	60	28	86	
1/2"	82	34	98	70
3/4"	87	38	98	

REV: 00	TITLE	3 WAY NEEDLE VALVE MNPT X FNPT
DATE : 30/07/16		
DRG BY : D.B.PATEL	PART NO:	ARC-103-NV
APPROVED : R.B YADAV		
DATE : 30/07/16		