



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/GRAPHOIL
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

**MATERIAL OF CONSTRUCTIONS:**

**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 PETROLIUM 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, 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.

OTHER TEST: – VIBRATIONS, TEMPERATURES, HELIUM ETC. ARE AVAILABLE UPON REQUEST.

**LUBRICATION:**

MOLLY ANTI-SEIZE LUBRICANT.

**NOTES:-**

OPTIONAL GRAPHOIL PACKING WITH BALL TIP DESIGN AVAILABLE FOR HIGH TEMPERATURE 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. 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. Rat.	Temp.Rat.
5 mm.	0.65	6000 PSI	-20 to 250° F
6mm	2	(41300 kpa)	(-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		
1/2"	68	30	83	60	6mm
3/4"	70	36	89	70	8mm
1"	80	45	102		9.5mm