



PART NO	DESCRIPTION	MATERIAL	QTY
1	BODY	SS 316	1
2	ADAPTOR	SS 316	1
3	BALL	SS 316	1
4	SEAT RING	P.T.F.E	2
5	STEM	SS 316	1
6	NUT	SS 304	1
7	WASHER	SS 316	1
8	HANDLE	SS 304	1
9	O' RING	BUNA-N	1
10	GLAND SEAL	P.T.F.E	1
11	STOP PIN	SS 304	1

FEATURES :

316 CONSTRUCTION FOR CORROSION RESISTANCE FULL OR REDUCED BORE FOR EXCELLENT FLOW.FLEXIBLE 3 PIECE DESIGN. ANTI BLOW OUT INTERNALLY LOADED STEM FOR SAFETY 90 deg SMOOTH ACTION OPERATION PTFE SEATS FOR EASE OF USE AND MINIMUM MAINTENANCE.

PHYSICAL FEATURES :

PRESSURE RATING 400KG/CM

MATERIAL OPTIONS :

SS 316, CARBON STEEL, ALLUMINIUM,BRONZE,HASTALLOY MONEL ETC. OPTIONAL KEL-F, POLYMAN PACKING AVAILABLE WITH HIGH PRESSURE VALVES

STANDARDS : BS 5750

TESTS :

EACH VALVE IS TESTED WITH NITROGEN AT 1000 PSI FOR SEAT AND SEAL LEAKAGE WITH A LEAKAGE RATE OF 0.1 SEC/MIN.

HYDRO TEST :

PERFORMED WITH PURE WATER AT 1-1/2 LITERS OF THE WORKING PRESSURE. OTHER TESTS LIKE HELIUM, SESMIC ARE AVAILABALE UPON REQUEST.

END CONNECTIONS :

VARIETY OF END CONNECTIONS 1/4" TO 1" NPT, BSP MALE OR FEMALE THREADED OR 1/4" , 3/8" , 1/2" ARC-LOK OR TWIN FERRULE TUBE FITTING ENDS.

TABLE OF DIMENSIONS

SIZE BSP/NPT	L	H	PART NO.
1/4"	70	50	ARC-BV4F
3/8"	72	50	ARC-BV6F
1/2"	85	60	ARC-BV8F
3/4"	98	60	ARC-BV12F
1"	115	70	ARC-BV16F

NOTE : DIMENSIONS ARE FOR REFERENCE ONLY. SUBJECT TO CHANGE

REV: 00	TITLE	BALL VALVE(F)
DATE : 30/07/16		
DRG BY : D.B.PATEL	PART NO:	
APPROVED :R.B YADAV		
DATE : 30/07/16		