



Sr no	Description	Material of Construction	Qty
1	BODY	SS 316	1
2	ADOPTER	SS 316	2
3	BALL	SS 316	1
4	SPINDLE	SS 316	1
5	SEAT	P.T.F.E	2
6	JOINT SEAL	VITON / BUNA -N	2
7	GLAND SEAL	P.T.F.E	1
8	O ' RING	VITON / BUNA -N	1
9	GLAND NUT	SS 316	1
10	HANDLE	NYTON	1
11	STOP PIN	SS 316	1
12	PANEL NUT	SS 316	1
13	L N SCREW	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 90deg 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"	78	50	ARC-BV4 O.D.
3/8"	85	50	ARC-BV6 O.D.
1/2"	102	60	ARC-BV8 O.D.
3/4"	115	60	ARC-BV12 O.D.
1"	140	70	ARC-BV16 O.D.

NOTE : DIMENSIONS ARE FOR REFERENCE ONLY. SUBJECT TO CHANGE

REV: 00	TITLE	2 WAY PANEL BALL VALVE
DATE : 30/07/16		
DRG BY : D.B PATEL	PART NO:	ARC-BV-6K-PT
APPROVED : R.B YADAV		
DATE : 30/07/16		