



Sr no	Description	Material of Construction	Qty
1	BODY	SS 316	1
2	SIDE PIECE	SS 316	3
3	BALL	SS 316	1
4	STEM	SS 316	1
5	O ' RING	VITON / NITRIL	2
6	BALL SEAL	VITON /EPDM / NITRIL	1
7	BODY SEAL	VITON /EPDM / NITRIL	3
8	STEM SEAL	P.T.F.E / MOS2	1
9	LEVER	CS COATED	1
10	STOP PIN	CS COATED	1
11	STAPPER WASHER	SS 304	1

TABLE OF DIMENSIONS

SIZE BSP/NPT	L	L1	H	PART NO.
1/4"	82	36	50	ARC-BV3W4F
3/8"	86	38	50	ARC-BV3W6F
1/2"	92	44	50	ARC-BV3W8F
3/4"	98	48	55	ARC-BV3W12F
1"	110	52	60	ARC-BV3W16F

FEATURES :

SS 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/POM 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 IN 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 AVAILABE 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 SINGLE OR TWIN FERRULE TUBE FITTING ENDS.

NOTE : DIMENSIONS ARE FOR REFERENCE ONLY. SUBJECT TO CHANGE

REV: 00	TITLE	3 WAY BALL VALVE
DATE : 30/07/16		
DRG BY : D.B PATEL	PART NO:	ARC-BV-6K-3FF
APPROVED :R.B YADAV		
DATE : 30/07/16		