



Sr no	Description	Material of Construction	Qty
1	BODY	SS 304/ SS 316/ CS A105	1
2	ADOPTER	SS 304/ SS 316/ CS A105	2
3	BALL	SS 304/ SS 316/ SS 304	1
4	STEM	SS 304/ SS 316/ SS 304	1
5	SEATS	P.T.F.E	2
6	JOINT SEAL	VITON	2
7	GLAND SEAL	P.T.F.E	2
8	RETAINER	SS	1
9	WASHER	SS	1
10	STOP PIN	SS	1
11	HANDLE	SS	1
12	NUT	SS	1
13	SLEEVE	P.V.C	1

FEATURES :

SS 316 CONSTRUCTION FOR CORROSION RESISTANCE FULL OR REDUCED BORE FOR EXCELLENT FLOW. FLEXIBLE 2 PIECE DESIGN. ANTI BLOW OUT INTERNALLY LOADED STEM FOR SAFETY 90° SMOOTH ACTION OPERATION PTFE SEATS FOR EASE OF USE AND MINIMUM MAINTENANCE.

PHYSICAL FEATURES :

PRESSURE RATING 400KG/CM ORIFICE-3.2mm. Cv-0.34

MATERIAL OPTIONS :

SS 316, CARBON STEEL, ALLUMINIUM, BRONZE, HASTALLOY MONEL ETC. OPTIONAL KEL-F, POLYMAN & PEEK PACKING AVAILABLE IN HIGH PRESSURE/TEM. 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.

NOTE :

DIMENSION ARE FOR REFERENCE ONLY SUBJECT TO CHANGE.

PANEL HOLE 22 ø

PANEL THICKNESS 5 mm.

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