



### MATERIAL OF CONSTRUCTION

Sr.	Description	Qty.	Material
1	BODY	1	ASI 316 SS./CS.
2	BALL	1	ASI 316 SS./CS.
3	PACKING	2	PTFE/POM
4	O' RING	2	VTON/BUJA-N
5	ADAPTORS	2	ASI 316 SS./CS.
6	SPINDLE	1	ASI 316 SS./CS.
7	O' RING	1	VTON/BUJA-N
8	HANDLE	1	NYLON
9	LOCK PIN	1	ASI 316 SS./CS.
10	GLAND NUT	1	ASI 316 SS./CS.
11	PANEL NUT	1	ASI 316 SS./CS.

### TABLE OF DIMENSIONS

SIZE	L		H		PART NO.
	BSP/NPT				
1/4"	70	50			PBV4F
3/8"	72	50			PBV6F
1/2"	85	60			PBV8F
3/4"	98	60			PBV12F
1"	115	70			PBV16F

### 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. 90° SMOOTH ACTION OPERATION PTFE SEATS FOR EASE OF USE AND MINIMUM MAINTENANCE.

### PHYSICAL FEATURES :

PRESSURE RATING 400KG/CM<sup>2</sup>

### MATERIAL OPTIONS :

SS 316, CARBON STEEL, ALUMINIUM, BRONZE, HASTALLOY MONEL, ETC.  
OPTIONAL KEL-F, POLYAMAM 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 TESTS :

PERFORMED WITH PURE WATER AT 1-1/2 LITRES OF THE WORKING PRESSURE. OTHER TESTS LIKE HELIUM, SESMIC ARE AVAILBALE 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" PANAM SINGLE OR TWIN FERRULE TUBE FITTING ENDS.

NOTE : DIMENSIONS ARE FOR REFERENCE ONLY. SUBJECT TO CHANGE.

## TITLE:- BALL VALVE (F)

DRN.	CDC	SCALE	N.T.S.
CHD.	ET	DATE	10.08.2002
APPD.	JP	DRG.NO.	PBV-2XX-FF



# PANAM ENGINEERS

AN ISO 9001 : 2000 COMPANY  
MUMBAI - INDIA