



MATERIAL OF CONSTRUCTION

| Sr. | Description | Qty. | Material |
|-----|---------------|------|-------------------|
| 1 | BODY | 1 | AI SI 316 SS./CS. |
| 2 | BALL | 1 | AI SI 316 SS./CS. |
| 3 | PACKING | 2 | PTFE/POM |
| 4 | 'O' RING | 2 | VITON/BU NA-N |
| 5 | ADAPTORS | 2 | AI SI 316 SS./CS. |
| 6 | SPINDLE | 1 | AI SI 316 SS./CS. |
| 7 | 'O' RING | 1 | VITON/BU NA-N |
| 8 | HANDLE | 1 | NYLON |
| 9 | LOCK PIN | 1 | AI SI 316 SS./CS. |
| 10 | GLAND NUT | 1 | AI SI 316 SS./CS. |
| 11 | PANEL NUT | 1 | AI SI 316 SS./CS. |
| 12 | FRONT FERRULE | 3 | AI SI 316 SS./CS. |
| 13 | BACK FERRULE | 3 | AI SI 316 SS./CS. |
| 14 | NUT | 3 | AI SI 316 SS./CS. |

TABLE OF DIMENSIONS

| SIZE | DIMENSIONS | | | PART NO. |
|------|------------|----|----|----------|
| | L | L1 | H | |
| 1/4" | 82 | 36 | 50 | PBV4F |
| 3/8" | 86 | 38 | 50 | PBV6F |
| 1/2" | 92 | 44 | 50 | PBV8F |
| 3/4" | 98 | 48 | 55 | PBV12F |
| 1" | 110 | 52 | 60 | PBV16F |

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

TITLE:- 3 WAY BALL VALVE

| | | | |
|-------|-----|---------|-------------|
| DRN. | CDC | SCALE | N.T.S. |
| CHD. | ET | DATE | 10.08.2002 |
| APPD. | JP | DRG.NO. | PBV-3XX-ODT |



PANAM ENGINEERS

AN ISO 9001 : 2000 COMPANY
MUMBAI - INDIA

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/POM SEATS FOR EASE OF USE AND MINIMUM MAINTENANCE.

PHYSICAL FEATURES :

PRESSURE RATING 400KG/CW²

MATERIAL OPTIONS :

SS 316, CARBON STEEL, ALUMINIUM, BRONZE, HASTALOY MONEL, ETC.
OPTIONAL KEL-F, POLYAMAM & PEEK 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 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.