



MATERIAL OF CONSTRUCTION

Sr.	Description	Qty.	Material
1	BODY	1	AISI 316 SS./CS.
2	BALL	1	AISI 316 SS./CS.
3	PACKING	2	PTFE/POM
4	'O' RING	2	VITON/BUNA-N
5	ADAPTORS	2	AISI 316 SS./CS.
6	SPINDLE	1	AISI 316 SS./CS.
7	'O' RING	1	VITON/BUNA-N
8	HANDLE	1	NYLON
9	LOCK PIN	1	AISI 316 SS./CS.
10	GLAND NUT	1	AISI 316 SS./CS.
11	PANEL NUT	1	AISI 316 SS./CS.
12	NUT	2	AISI 316 SS./CS.
13	FERRULE SET	2	AISI 316 SS./CS.

TABLE OF DIMENSIONS

SIZE BSP/NPT	L	H	PART NO.
3/8"	85	50	PBV6 O.D
1/2"	102	60	PBV8 O.D
3/4"	115	60	PBV12 O.D
1"	140	70	PBV16 O.D

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/CM²

MATERIAL OPTIONS :

SS 316, CARBON STEEL, ALUMINIUM, BRONZE, HASTALLOY MONEL, ETC. OPTIONAL KEL-F, POLYAMAN 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

DRN.		SCALE	N.T.S.
CHD.	DJS	DATE	17/5/2010
APPD.		DRG.NO. PIBV-2XX-ODT	

PIONEER INDUSTRIES
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