



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	1	VITON/BUNA-N
5	ADAPTORS	1	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	FRONT FERRULE	2	AISI 316 SS./CS.
13	BACK FERRULE	2	AISI 316 SS./CS.
14	NUT	2	AISI 316 SS./CS.

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/POM SEATS FOR EASE OF USE AND MINIMUM MAINTENANCE.

PHYSICAL FEATURES :

PRESSURE RATING 400KG/CM² ORIFICE-3.2mm. Cv-0.34

MATERIAL OPTIONS :

SS 316, CARBON STEEL, ALUMINIUM, BRONZE, HASTALLOY MONEL, ETC. OPTIONAL KEL-F, POLYAMAN & 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 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" SINGLE OR TWIN FERRULE TUBE FITTING ENDS.

NOTES-

- DIMENSIONS ARE FOR REFERENCE ONLY. SUBJECT TO CHANGE.
- PANEL HOLE 22φ.
- PANEL THICKNESS 5 mm.

TITLE: - 2 WAY ANGLE BALL VALVE

DRN.		SCALE	N.T.S.
CHD.	DJS	DATE	16/03/2010
APPD.		DRG.NO. PBV-2XX-ODT-A	

PIONEER INDUSTRIES

ISO 9001 - 2008