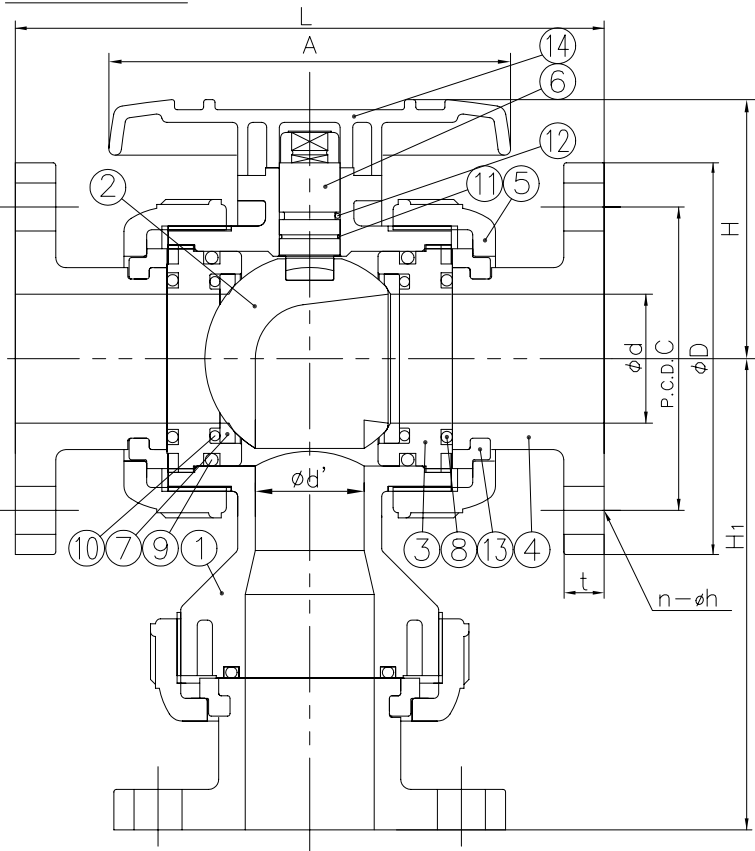


FLANGED END



DIMENSIONS TABLE

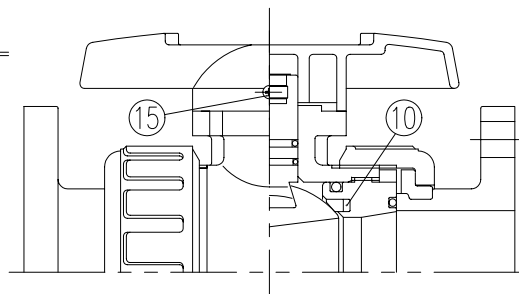
NOMINAL SIZE	UNIT: inch																
	FLANGED								THREADED								
	d	d'	ANSI CLASS 150		L			d1			L			D1		H	A
1/2"	15mm	0.59	0.59	3.50	2.38	4	0.62	5.63	0.47	3.70	1/2 -14NPT	0.59	4.02	2.89	1.89	2.03	3.62
3/4"	20	0.79	0.79	3.88	2.75	4	0.62	6.77	0.55	4.50	3/4 -14NPT	0.67	4.72	3.48	2.36	2.34	3.94
1"	25	0.98	0.98	4.25	3.12	4	0.62	7.36	0.55	5.24	1 -11 1/2 NPT	0.79	5.16	4.13	2.76	2.68	4.33
1 1/2"	40	1.57	1.26	5.00	3.88	4	0.62	8.35	0.63	6.50	1 1/2 -11 1/2 NPT	0.98	6.42	5.53	3.94	3.50	5.16
2"	50	2.01	1.69	6.00	4.75	4	0.75	9.21	0.63	7.34	2 -11 1/2 NPT	1.10	7.76	6.61	4.96	4.04	6.26
3"	80	3.07	2.70	7.50	6.00	4	0.75	11.97	0.71	10.06	3 -8 NPT	1.38	10.39	9.25	5.98	5.51	9.45
4"	100	3.94	3.54	9.00	7.50	8	0.75	14.65	0.71	12.01	4 -8 NPT	1.77	14.17	11.77	8.27	7.01	11.81

DIMENSIONS TABLE

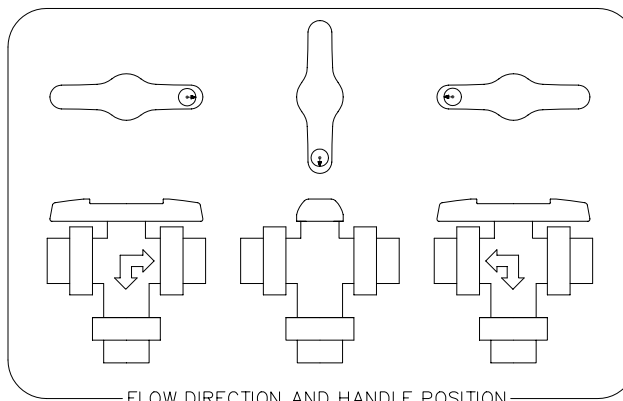
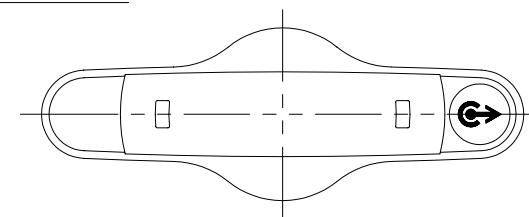
NOMINAL SIZE	UNIT: inch																				
	SOCKET								SPIGOT (BUTT END)												
	PVC, CPVC				PP, PVDF (DIN)				PP, PVDF (IPS)				PP, PVDF								
	ASTM SCH 80/40		DIN 16962		DIN 16962		DIN 16962		DIN 3442		PP		PVDF								
1/2"	15mm	0.848	0.836	0.875	4.45	3.08	0.768	0.760	0.57	3.90	2.80	0.83	0.87	4.45	3.09	0.787	0.728	0.098	0.075	4.88	3.27
3/4"	20	1.058	1.046	1.000	5.08	3.56	0.965	0.957	0.63	4.49	3.27	1.03	1.00	5.08	3.61	0.984	0.866	0.106	0.075	5.67	3.90
1"	25	1.325	1.310	1.125	5.75	4.32	1.240	1.232	0.71	4.84	3.94	1.30	1.13	5.75	4.37	1.260	0.886	0.118	0.094	6.06	4.53
1 1/2"	40	1.912	1.894	1.375	7.24	5.71	1.947	1.937	0.93	5.83	5.16	1.89	1.37	7.24	5.85	1.969	1.260	0.181	0.118	6.85	6.02
2"	50	2.387	2.369	1.500	8.23	6.66	2.461	2.445	1.08	6.93	6.06	2.36	1.50	8.23	6.76	2.480	1.417	0.228	0.118	8.82	7.01
3"	80	3.516	3.492	1.875	11.10	9.59	3.512	3.498	1.40	9.88	8.82	3.48	1.87	11.10	11.10	3.543	1.496	0.323	0.169	11.61	9.69
4"	100	4.518	4.491	2.000	13.90	11.58	4.293	4.278	1.63	12.20	10.98	4.48	2.25	14.37	14.37	4.331	1.752	0.394	0.209	12.72	11.85

NOTE: The shape and appearance of assembly differ a little with nominal size compared to this drawing.

3" & 4"



INDICATION



FLOW DIRECTION AND HANDLE POSITION

No.	DESCRIPTION	No.REQ'D	MATERIAL	REMARKS
4a	RING	3	STAINLESS STEEL 304	Used for CPVC Threaded End Connector: 1/2" - 1"
15	SCREW	1	STAINLESS STEEL 304	Used for Size: 3" & 4"
14	HANDLE	1	ABS	
13	STOP RING	3	PVDF	Used for Flanged End
12	O-RING (E)	1		
11	O-RING (D)	1	□ EPDM	
10	CUSHION	2	□ FKM	Used for Size: 3" & 4"
10	O-RING (C)	2	□ Others	Used for Size: 1/2" - 2"
9	O-RING (B)	2	()	
8	O-RING (A)	3		
7	SEAT	2	PTFE	
6	STEM	1	□ PVC	
5	UNION NUT	3		
4	END CONNECTOR	3	□ CPVC	
3	CARRIER	2	□ PP	
2	BALL	1	□ PP	
1	BODY	1	□ PVDF	

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	NAME	DATE
DR	KENICHI MIYAZAKI	1/28/03
APPD	DAVE HURLEY	1/28/03
PROD	LEO LESTER	1/28/03
WO#/CO#		
FILE		

ASAHI/AMERICA

ISO 9001 CERTIFIED
35 GREEN STREET, P.O. BOX 653, MALDEN, MA.



**MULTI PORT BALL VALVE
TYPE 23 L-PORT
1/2" THRU 4"**

SIZE	DWG. NO.	REV
A	0126BV	A
SCALE	NTS	SHEET 1 OF 1