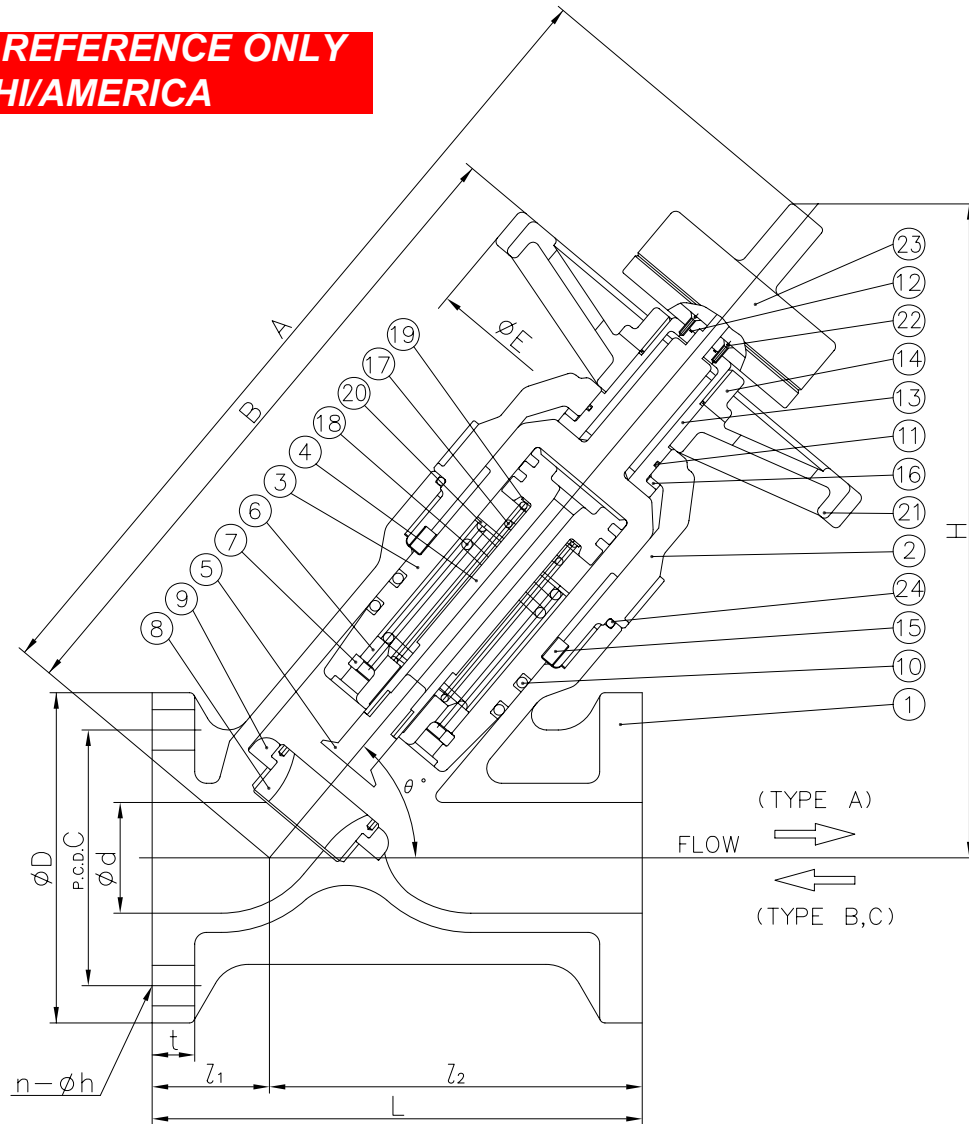


**FOR REFERENCE ONLY  
ASAHI/AMERICA**



**SPECIFICATION**

NOMINAL SIZE	Type	Flow rate (gal/min)	Rangeability	Differential pressure range for function (MPa) {lb/in <sup>2</sup> }	Accuracy in flow rate
1" 25mm	A	2.2 ~ 8.8	4 : 1	0.020 {2.8} ~ 0.098 {14.2}	± 6 % of full scale
	B	0.4 ~ 8.8	20 : 1	0.020 {2.8} ~ 0.098 {14.2}	
	C	0.9 ~ 8.8	10 : 1	0.029 {4.3} ~ 0.196 {28.4}	
2 50	A	8.8 ~ 35.2	4 : 1	0.020 {2.8} ~ 0.098 {14.2}	± 6 % of full scale
	B	1.8 ~ 35.2	20 : 1	0.020 {2.8} ~ 0.098 {14.2}	
	C	3.5 ~ 35.2	10 : 1	0.029 {4.3} ~ 0.196 {28.4}	
3 80	A	22.0 ~ 88.0	4 : 1	0.020 {2.8} ~ 0.098 {14.2}	± 6 % of full scale
	B	4.4 ~ 88.0	20 : 1	0.020 {2.8} ~ 0.098 {14.2}	
	C	8.8 ~ 88.0	10 : 1	0.029 {4.3} ~ 0.196 {28.4}	
	D	66.0 ~ 132.1	2 : 1	0.029 {4.3} ~ 0.147 {21.3}	

24	O-RING (D)	EPDM	1	2" & 3" ONLY
23	LIFT INDICATOR	PVC etc.	1set	
22	MASHINE SCREW	COPPER ALLOY	4	C3604
21	HAND WHEEL	PP	1	
20	WASHER (B)	PVC	1	
19	WASHER (A)	PVC	1	
18	SPRING (B)	STAINLESS STEEL 304	1	PCTFE COATING
17	SPRING (A)	STAINLESS STEEL 304	1	PCTFE COATING
16	THRUST RING	PP	1	
15	KEY	PVC	2	
14	CAP	PVC	1	
13	SLEEVE	COPPER ALLOY	1	C3604
12	O-RING (C)	EPDM	1	
11	O-RING (B)	EPDM	1	
10	O-RING (A)	EPDM	2	
9	SEAT	EPDM	1	
8	ORIFICE	PVC	1	
7	STOP RING	PVDF	1	
6	SPRING BASE	PVC	1	
5	PLUG	PVC	1	
4	PISTON	PVC	1	
3	CYLINDER	PVC	1	
2	BONNET	PVC	1	
1	BODY	PVC	1	
No.	DESCRIPTION	MATERIAL	No.REQ'D	REMARKS

**DIMENSIONS TABLE**

UNIT: inch

NOMINAL SIZE	d	ANSI Class150				l <sub>1</sub>	l <sub>2</sub>	L	t	A	B	H	E	θ°
		D	C	n	h									
1" 25mm	0.98	4.25	3.12	4	0.62	1.57	4.72	6.30	0.55	10.71	7.91	8.58	5.91	50
2 50	2.05	6.00	4.75	4	0.75	2.17	6.89	9.06	0.79	15.35	12.17	12.09	8.27	50
3 80	3.07	7.50	6.00	4	0.75	2.76	8.27	11.02	0.87	19.06	15.24	14.84	8.27	50

NOTE. 1.The shape and appearance of assembly differ a little with nominal size compared to this drawing.

2.Consult factory for ANSI flanged 4" size.

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WO#/CO#		
FILE		

**ASAHI/AMERICA**

ISO 9001 CERTIFIED

35 GREEN STREET, P.O. BOX 653, MALDEN, MA.



CONSTANT FLOW VALVE  
FLANGED END  
1" THRU 3"

SIZE	DWG. NO.	REV
A	0029MI	C
SCALE	NTS	SHEET 1 OF 1