



DIMENSIONS TABLE

UNIT: inch

NOMINAL SIZE	d	ANSI Class150				L	t	W	D2	H	H1	H2
		D	C	n	h							
15 mm 1/2"	0.63	3.50	2.38	4	0.62	6.30	0.47	3.23x3.23	4.06	7.76	5.08	2.01
20 3/4"	0.79	3.88	2.75	4	0.62	6.30	0.51	3.23x3.23	4.06	7.76	5.00	2.09

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

SPECIFICATION

NOMINAL SIZE	Type	Flow rate (gal/min)	Rangeability	Pressure differential range for function (MPa) {lb/in <sup>2</sup> }	Accuracy in flow rate
15 mm 1/2"	B	0.176 ~ 3.52	20 : 1	0.020 {2.85} ~ 0.098 {14.22}	± 6 % of full scale
	C	0.35 ~ 3.52	10 : 1	0.029 {4.27} ~ 0.196 {28.45}	± 6 % of full scale
20 3/4"	B	0.26 ~ 5.28	20 : 1	0.020 {2.85} ~ 0.098 {14.22}	± 6 % of full scale
	C	0.53 ~ 5.28	10 : 1	0.029 {4.27} ~ 0.196 {28.45}	± 6 % of full scale

24	SCREW	STAINLESS STEEL 304	4	
23	HANDLE COVER	PC	1	
22	HANDLE BASE	PVC	1	
21	THRUST RING	PP	1	
20	KEY	PP	2	
19	O-RING (D)	EPDM	1	
18	O-RING (C)	EPDM	1	
17	O-RING (B)	EPDM	1	
16	O-RING (A)	EPDM	1	
15	NUT	PVC	1	
14	SPRING (B)	STAINLESS STEEL 304	1	PCTFE COATING
13	SPRING (A)	STAINLESS STEEL 304	1	PCTFE COATING
12	SLEEVE	COPPER ALLOY	1	C3604
11	STOP RING	PVDF	1	
10	SPRING BASE	PVC	1	
9	CAP	PVC	1	
8	CAP NUT	PVC	1	
7	SEAT	EPDM	1	
6	ORIFICE	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

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ISO 9001 CERTIFIED

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



CONSTANT FLOW VALVE  
FLANGED END  
1/2" THRU 3/4"

	NAME	DATE
DR	KENICHI MIYAZAKI	7/26/01
APPD	DAVE HURLEY	7/26/01
PROD	LEO LESTER	7/26/01
WO#/CO#		
FILE		

SIZE	A	DWG. NO.	0030MI	REV	B
SCALE	NTS		SHEET 1 OF 1		