



SPECIFICATION

NOMINAL SIZE	Type	Flow rate (gal/min)	Rangeability	Pressure differential range for function (MPa)	Accuracy in flow rate
1/2" 15mm	B	0.2 ~ 3.5	20 : 1	0.020 ~ 0.098	± 6 % of full scale
	C	0.4 ~ 3.5	10 : 1	0.029 ~ 0.196	± 6 % of full scale
3/4" 20	B	0.3 ~ 5.3	20 : 1	0.020 ~ 0.098	± 6 % of full scale
	C	0.5 ~ 5.3	10 : 1	0.029 ~ 0.196	± 6 % of full scale

26	SCREW	4	STAINLESS STEEL	SUS304
25	HANDLE COVER	1	PC	
24	HANDLE BASE	1	PVC	
23	WASHER (B)	1	PVC	
21	SPRING (B)	1	STAINLESS STEEL	SUS304 (PCTFE COATING)
20	SPRING (A)	1	STAINLESS STEEL	SUS304 (PCTFE COATING)
19	THRUST RING	1	PP	
18	NUT	1	PVC	
17	CAP NUT	1	PVC	
16	KEY	2	PP	
15	CAP	1	PVC	
14	SLEEVE	1	COPPER ALLOY	C3604
13	O-RING (D)	1	EPDM	
12	O-RING (C)	1	EPDM	
11	O-RING (B)	1	EPDM	
10	O-RING (A)	1	Others	
9	SEAT	1	()	
8	ORIFICE	1	PVC	
7	STOP RING	1	PVDF	
6	SPRING BASE	1	PVC	
5	PLUG	1	PVC	
4	PISTON	1	PVC	
3	CYLINDER	1	PVC	
2	BONNET	1	PVC	
1	BODY	1	PVC	

DIMENSIONS TABLE

UNIT: inch

NOMINAL SIZE	d	ANSI Class 150					L	t	W	A	H ₁	H ₂	H
		D	C	n	h								
1/2" 15mm	0.63	3.50	2.38	4	0.62	6.30	0.47	3.23 x 3.23	4.06	2.01	5.08	7.76	
3/4" 20	0.79	3.88	2.75	4	0.62	6.30	0.51	3.23 x 3.23	4.06	2.09	5.00	7.76	

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

No.	DESCRIPTION	No.REQ'D	MATERIAL	REMARKS
CONSTANT FLOW VALVE ASS'Y TYPE B,C ANSI Class 150 1/2" (15mm) · 3/4" (20mm)				
DRAWN	M.Iwakiri	DATE	SCALE	
CHECKED	H.Kawano	AUG.24.2018		
APPROVED	K.Koushou	FC-60001AE	△	
SPECIAL ORDER No.	ASAHI YUKIZAI CORPORATION			