



DIMENSIONS TABLE

UNIT: inch

NOMINAL SIZE	d	ANSI Class 150					L	L1	L2	t	A	B	H	E
		D	C	n	h									
2" 50mm	2.05	6.00	4.75	4	0.75	9.06	2.17	6.89	0.79	15.35	12.17	12.09	8.27	
3" 80mm	3.07	7.50	6.00	4	0.75	11.02	2.75	8.27	0.87	19.06	15.24	14.84	8.27	

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

SPECIFICATION

NOMINAL SIZE	Type	Flow rate (m ³ /hr)	Rangeability	Pressure differential range for function (MPa)	Accuracy in flow rate
2" 50mm	B	0.4 ~ 8.0	20 : 1	0.020 ~ 0.098	± 6 % of full scale
	C	0.8 ~ 8.0	10 : 1	0.029 ~ 0.196	
3" 80mm	B	1.0 ~ 20.0	20 : 1	0.020 ~ 0.098	± 6 % of full scale
	C	2.0 ~ 20.0	10 : 1	0.029 ~ 0.196	
	D	15.0 ~ 30.0	2 : 1	0.029 ~ 0.147	

29	INDICATOR	1set	ABS etc.	
28	SCREW	4	COPPER ALLOY	C3604
27	HAND WHEEL	1	PP	
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	
16	KEY	2	PVC	
15	CAP	1	PVC	
14	SLEEVE	1	COPPER ALLOY	C3604
13	O-RING (D)	1	EPDM	
12	O-RING (C)	1	EPDM	
30	O-RING (E)	1	□EPDM □Others	
10	O-RING (A)	2	()	
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	
No.	DESCRIPTION	No.REQ'D	MATERIAL	REMARKS

CONSTANT FLOW VALVE ASS'Y
TYPE B,C,D
ANSI Class 150
2" (50mm), 3" (80mm)

DRAWN	M.Iwakiri	DATE	SCALE
CHECKED	H.Kawano	AUG.24.2018	~
APPROVED	K.Koushou	DRAWING No. FC-60005AE	
SPECIAL ORDER No.	ASAHI YUKIZAI CORPORATION		