



SPECIFICATION

NOMINAL SIZE	Type	Flow rate (m ³ /hr)	Rangeability	Pressure differential range for function (MPa)	Accuracy in flow rate
50 ^{mm} 2"	A	2.0 ~ 8.0	4 : 1	0.020 ~ 0.098	± 6 % of full scale
	B	0.4 ~ 8.0	20 : 1	0.020 ~ 0.098	
	C	0.8 ~ 8.0	10 : 1	0.029 ~ 0.196	
80 ^{mm} 3"	A	5.0 ~ 20.0	4 : 1	0.020 ~ 0.098	± 6 % of full scale
	B	1.0 ~ 20.0	20 : 1	0.020 ~ 0.098	
	C	2.0 ~ 20.0	10 : 1	0.029 ~ 0.196	
	D	15.0 ~ 30.0	2 : 1	0.029 ~ 0.147	

DIMENSIONS TABLE

UNIT: mm

NOMINAL SIZE	d	JIS 5K				JIS 10K				L	L ₁	L ₂	t	A	B	H	E
		D	C	n	h	D	C	n	h								
50 ^{mm} 2"	52	130	105	4	15	155	120	4	19	230	55	175	20	390	309	307	210
80 ^{mm} 3"	78	180	145	4	19	185	150	8	19	280	70	210	22	484	387	377	210

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

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	
10	O-RING (A)	2	□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	

No.	DESCRIPTION	No.REQ'D	MATERIAL	REMARKS
CONSTANT FLOW VALVE ASS'Y TYPE A,B,C,D □ JIS 10K, □ JIS 5K 50 ^{mm} (2"), 80 ^{mm} (3")				
DRAWN	S.Yamashita	DATE	SCALE	
CHECKED	K.Kosho	JUL.24.2007	DRAWING No.	
APPROVED	K.Onishi	FC-60005JE		
SPECIAL ORDER No.	ASAHI YUKIZAI CORPORATION			