

CHAPTER 4

SUS VALVE

High-Purity, Chemical-Resistant Valve
for Precision Molding Systems

01. AIR AUTO VALVE

- PT FEMALE

02. AIR AUTO VALVE

- FLANGE

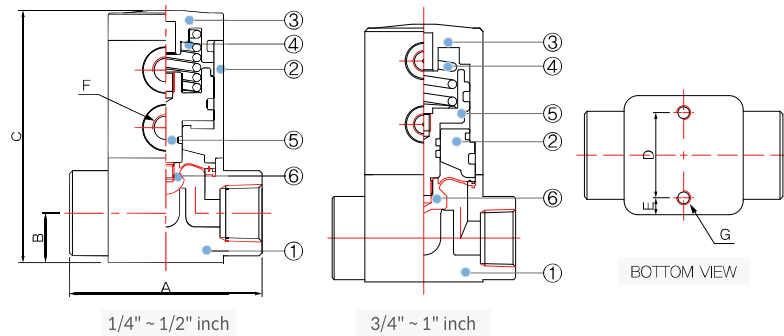
INODIS

AIR AUTO VALVE



반도체 및 LCD 장비에 사용되는 약액(순수를 포함)의 흐름을 제어하는 Stainless steel body의 (ON, OFF) Air Auto Valve입니다.

使用于半导体和LCD, 化学设备上的药液(包括纯水)流动的 Stainless steel body의 (ON,OFF) Air Auto Valve.



CHARACTERISTICS

■ 내화학성 우수
耐化学性优秀

■ 주문생산제품
可订制

1/4" VALVE SIZE

NC(Normal Closed) Air Port : PT1/8"

NO(Normal Opened) Air Port : M5 TAP

CV VALUE

VALVE SIZE	CV VALUE	VALVE SIZE	CV VALUE
1/4"	0.29	3/4"	5.45
3/8"	0.78	1"	9.55
1/2"	1.94	-	-

SPECIFICATION

SPECIFICATION	
주위온도(周围温度)	0~60°C
반복횟수(反复次数)	10 cycle/min 이하
사용유체(使用流体)	Chemicals, D.I Water
조작압력(操作压力)	1/4" (4~5kgf/cm ²)
	3/8"~1" (4~6kgf/cm ²)
유체압력(流体压力)	(In→Out) 0~5kgf/cm ²
	(Out→In) 0~1kgf/cm ²
생산품목(生产品种)	1/4 inch ~ 1 inch

MODEL SELECTION

IVD - ① ② ③ ④ ⑤ ⑥ - ⑦ - ⑧							
① Material	② Size	③ Connection	④ Operation	⑤ O-ring	⑥ Option	⑦ Operate Port	⑧ Type
S (SUS316L)	14 (1/4inch)	F (Female)	C (Normal Close)	E (EPDM)	무기호(无记号) (No Option)	1번 방향은 무기호 第1个方向是无记号	S1 유체온도(流体温度): 5~90°C
	38 (3/8inch)		O (Normal Open)	F (FKM)	1 (Indicator)		
	12 (1/2inch)		D (Double Action)		2 (Flow Control)		
	34 (3/4inch)						V1 유체온도(流体温度): 5~120°C
	1 (1inch)						

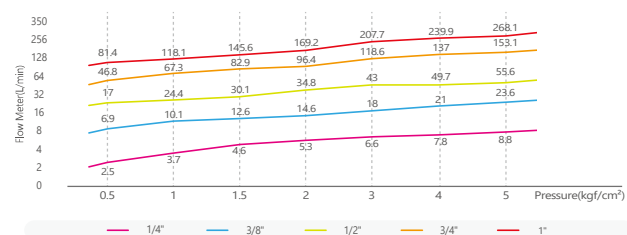
DIMENSION

Size	A	B	C	D	E	F	G
1/4"	42	10.2	63.1	20	4	PT1/8"	M4 DP8
3/8"	56	12.5	86.3	30	6	PT1/8"	M5 DP8
1/2"	70	18	91.8	30	6	PT1/8"	M5 DP8
3/4"	84	20	117.8	38	8	PT1/8"	M6 DP12
1"	100	26.2	137	38	11	PT1/8"	M6 DP10

PART

PART						
Size	① Body	② Actuator Body	③ Top Cover	④ Spring	⑤ Piston	⑥ Diaphragm
1/4" - 1/2"	SUS316L	PPS / PVDF	PPS / PVDF	SUS304	PPS / PVDF	PTFE
Size	① Body	③ Housing	④ Actuator Cover	⑤ Spring	⑥ Piston	⑥ Diaphragm
3/4" - 1"	SUS316L	PPS / PVDF	PPS / PVDF	SUS304	PPS / PVDF	PTFE

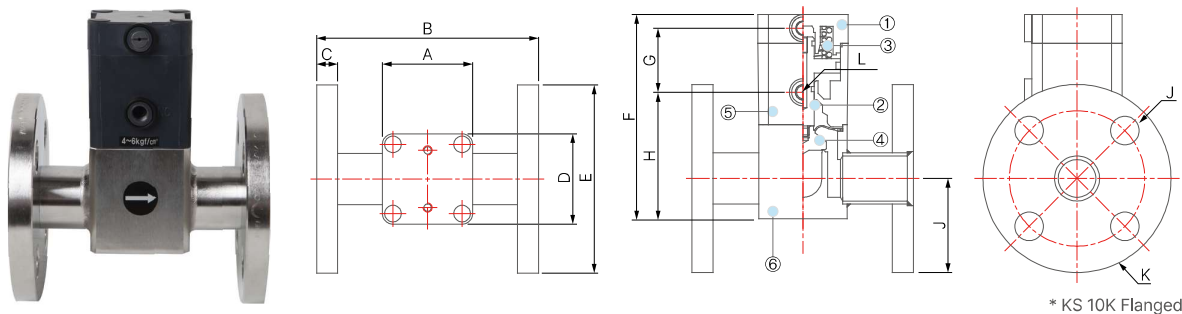
TECHNICAL DATA



AIR AUTO VALVE

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Stainless steel body의 (ON, OFF) Air Auto Valve입니다.

用于半导体和LCD, 化学设备上的药液 (包括纯水) 流动的
Stainless steel body의 (ON,OFF) Air Auto Valve.



CHARACTERISTICS

- 내화학성 우수 耐化学性优秀
- 적정재고 보유 및 특수사양 가능
拥有适量库存, 并可制作特殊规格产品
- 주문생산제품 可订制
- 20 ~ 25A → 상부 PVDF 가능
可进行20~25A→ PVDF

DIMENSION

Size	A	B	C	D	E	F	G	H	I	J	K	L
20A	60	146.8	13.5	60	100	136.7	42.6	84.1	50	4-Ø15 THRU	10K20A	PT1/8"
25A	60	146.8	13.5	60	125	136.7	42.6	84.1	62.5	4-Ø19 THRU	10K25A	PT1/8"
32A	88	180	16	90	135	203.9	62	128.4	67.5	4-Ø19 THRU	10K32A	PT1/8"
40A	88	180	16	90	140	203.9	62	128.4	70	4-Ø19 THRU	10K40A	PT1/8"

CV VALUE

VALVE SIZE	CV VALUE	VALVE SIZE	CV VALUE
20A	8.3	32A	20
25A	12	40A	23

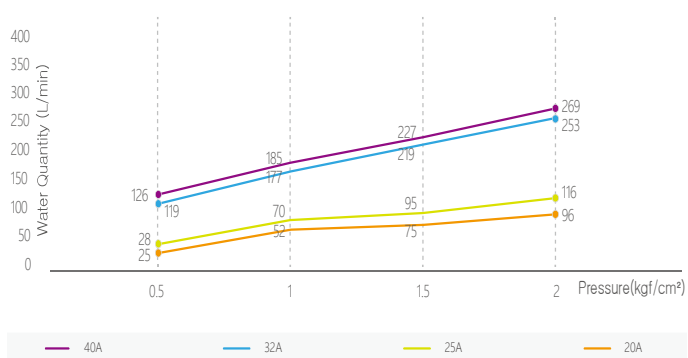
PART

No	PART	MATERIALS	No	PART	MATERIALS
1	Top Cover	PPS / PVDF	4	Diaphragm	PTFE
2	Piston	PPS / PVDF	5	Actuator Body	PPS / PVDF
3	Spring	SUS304	6	Body	SUS316L

SPECIFICATION

SPECIFICATION	
주위온도(周围温度)	0~60°C
유체온도(流体温度)	5~90°C
반복횟수(反复次数)	10 cycle/min 이하 以下
사용유체(使用流体)	Chemicals, D.I Water
조작압력(操作压力)	4~6kgf/cm ²
유체압력(流体压力)	(In→Out) 0~5kgf/cm ² (Out→In) 0~1kgf/cm ²
생산품목(生产品种)	20~40A

TECHNICAL DATA



MODEL SELECTION

IVD - ① ② ③ ④ ⑤ ⑥ - ⑦						
① Material	② Size	③ Connection	④ Operation	⑤ O-ring	⑥ Option	⑦ Operate Port
S (SUS316L)	20 (20A)	FL (Flange)	C (Normal Close)	E (EPDM)	무기호 (无记号)	(No Option)
	25 (25A)		O (Normal Open)	F (FKM)	1	(Indicator)
	32 (32A)		D (Double Action)		2	(Flow Control)
	40 (40A)					

