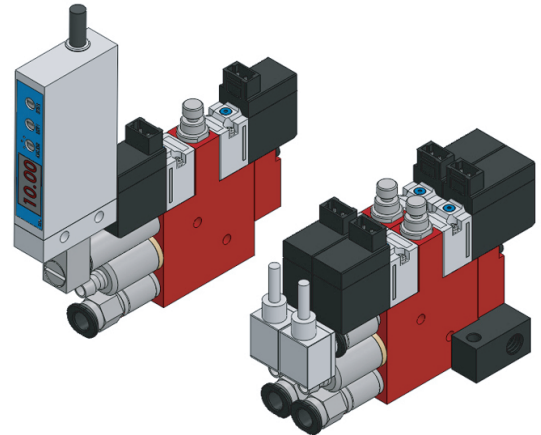


SMT-W Series

제품의 특징 (Features of product)

- ▶ 초소형 사이즈(10mm) - 반도체 및 전기, 전자 작업 적용 가능
- ▶ 풀 옵션사양 - 취부공간의 최소화, 구동부에 부착 가능
- ▶ 칩 이송 핸들러용으로 적합 - 빠른 응답 속도의 실현 가능
- ▶ 독립된 stack으로 적용 가능 - 에어주입구 1port, 흡입구 1~8stack 까지 가능
- ▶ 노즐의 교체가 가능 - 인서트 타입
- ▶ 낮은 소음도 - 작업 환경의 개선
- ▶ 불규칙한 공급 압력에 사용 가능 - 4.5~7bar
- ▶ Small size (10mm) - Applicable to semiconductor, electric and electronic work
- ▶ Full optional specification
 - Minimization of installation space and attachment to driving part
- ▶ Suitable for chip transfer handler - Realization of fast response speed
- ▶ Applicable as independent stack - 1 port of air inlet, 1 ~ 8 stack of inlet
- ▶ Nozzle can be replaced - Insert type
- ▶ Low noise level - Improve work environment
- ▶ Can be used at irregular supply pressure - 4.5 ~ 7bar



2D download

3D download

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Order No.

ex) **SMT-W**, 연조 : None, 에어공급밸브 : MD4(DC 24V Single-acting(단동)), 파기밸브 : RD4(DC 24V),
에어피팅 : SA4(φ4 (straight)), 진공피팅 : SV4(φ4 (straight)), 진공스위치 : SPSB(Analog type (Output 1 points)),
진공필터 : F(φ8.6XL12) 가 필요한 경우, **SMT-W-MD4-RD4-SA4-SV4-SPSB-F** 를 주문하시면 됩니다.

SMT-W-①-②-③-④-⑤-⑥-⑦

① 연조 (Vacuum stack)

X : None
F2 : 2 Stack
F3 : 3 Stack
F4 : 4 Stack
F5 : 5 Stack
F6 : 6 Stack
F7 : 7 Stack
F8 : 8 Stack

③ 파기밸브 (Vacuum release C/R valve)

RA1 : AC 110V
RA2 : AC 220V
RD4 : DC 24V

⑤ 진공피팅 (Vacuum fitting-outer)

X : None
SV4 : φ4 (straight)
SV6 : φ6 (straight)
LV4 : φ4 (elbow)
LV6 : φ6 (elbow)

Remark : Vacuum Port-M5

⑦ 진공필터 (Vacuum filter)

X : None
F : Filter(Inline filter-STVF-M5)

② 에어공급밸브 (Air supply control valve)

MA1 : AC 110V Single-acting(단동)
MA2 : AC 220V Single-acting(단동)
MD4 : DC 24V Single-acting(단동)
DMA1 : AC 110V Double-acting(복동)
DMA2 : AC 220V Double-acting(복동)
DMD4 : DC 24V Double-acting(복동)

④ 에어피팅 (Air fitting-outer)

X : None
SA4 : φ4 (straight)
SA6 : φ6 (straight)
SA8 : φ8 (straight) stack
LA4 : φ4 (elbow)
LA6 : φ6 (elbow)
LA8 : φ8 (elbow) stack

Remark : Air Port M3(stack-M5~1/8")

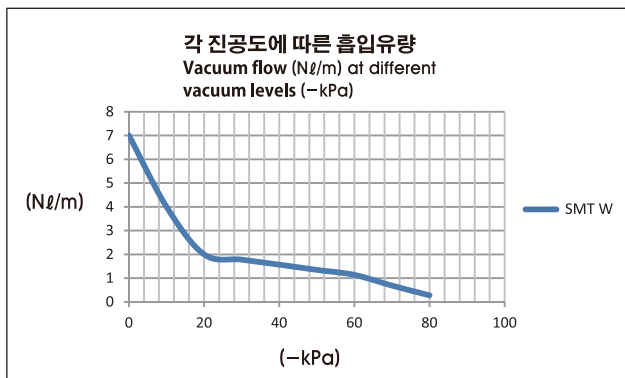
⑥ 진공스위치-디지털 (Vacuum switch)

X : None
S : Digital display output 2 points
SPSB : Analog type output 1 points

펌프의 특징 (Pump Characteristics)

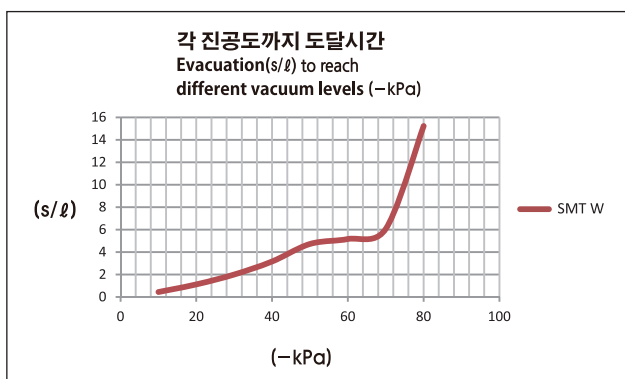
모 델 Model	공급압력 Supply Air Pressure (bar)	최대진공도 Max. vacuum (-kPa) (-mmHg)	최대흡입유량 Max. vacuum flow (Nℓ /m)	에어소모량 Air consumption (Nℓ /m)	최소호스내경 (2m이내기준) min hose innerφ (within 2M)			소음도 Noise (d B A)	무 게 Weight (g)	사용온도 Working Temperature (°C)	사용재질 Material
					Air	Vacuum	Exhaust				
SMT-W	5~6 Max. 7	-80 kPa (600mmHg)	7	11~13	>4	>4	-	40~55	84.5	-20~80	AL, POM, PP
SMT-W-F2			7 X 2	22~26	>6	>4	-	40~55	169		
SMT-W-F3			7 X 3	33~39	>6	>4	-	40~55	253.5		
SMT-W-F4			7X 4	44~52	>8	>4	-	40~55	338		
SMT-W-F5			7 X 5	55~65	>8	>4	-	60~65	422.5		
SMT-W-F6			7 X 6	66~78	>8	>4	-	60~65	507		
SMT-W-F7			7 X 7	77~91	>8	>4	-	60~65	591.5		
SMT-W-F8			7 X 8	88~104	>8	>4	-	60~65	676		

진공흡입유량 (Induce air in liter per minute) (Nℓ /m)



모 델 Model	0 (-mmHg)	75	150	225	300	375	450	525	600	675
	0 (-kPa)	10	20	30	40	50	60	70	80	90
SMT-W	7	4	2	1.78	1.57	1.35	1.14	0.69	0.28	-

진공 도달시간 (Time in seconds to evacuate to vacuum level) (sec/ℓ)



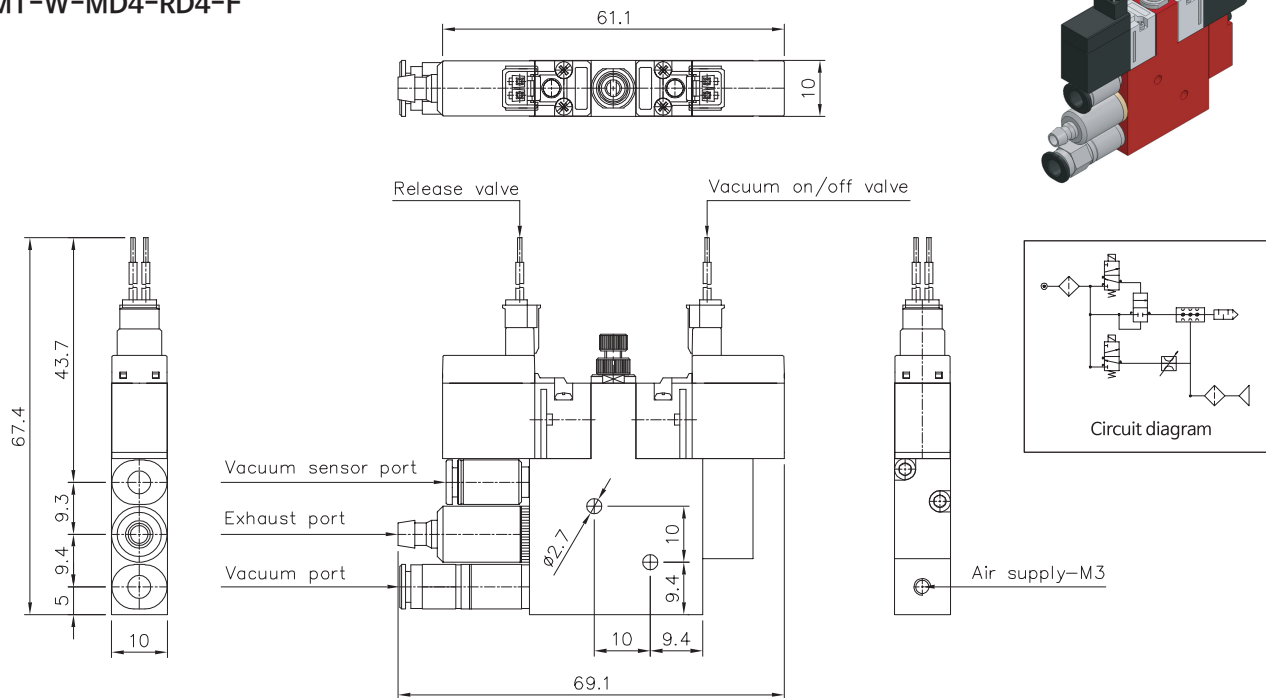
모 델 Model	75 (-mmHg)	150	225	300	375	450	525	600	675
	10 (-kPa)	20	30	40	50	60	70	80	90
SMT-W	0.44	1.12	2	3.16	4.72	5.16	6.06	15.22	-

기본사양 (Normal)

단동 type, 진공 On/Off 밸브, 진공 파기밸브, 진공필터

Single-acting type, Vacuum On/Off valve, Vacuum release C/R valve, Vacuum filter

SMT-W-MD4-RD4-F

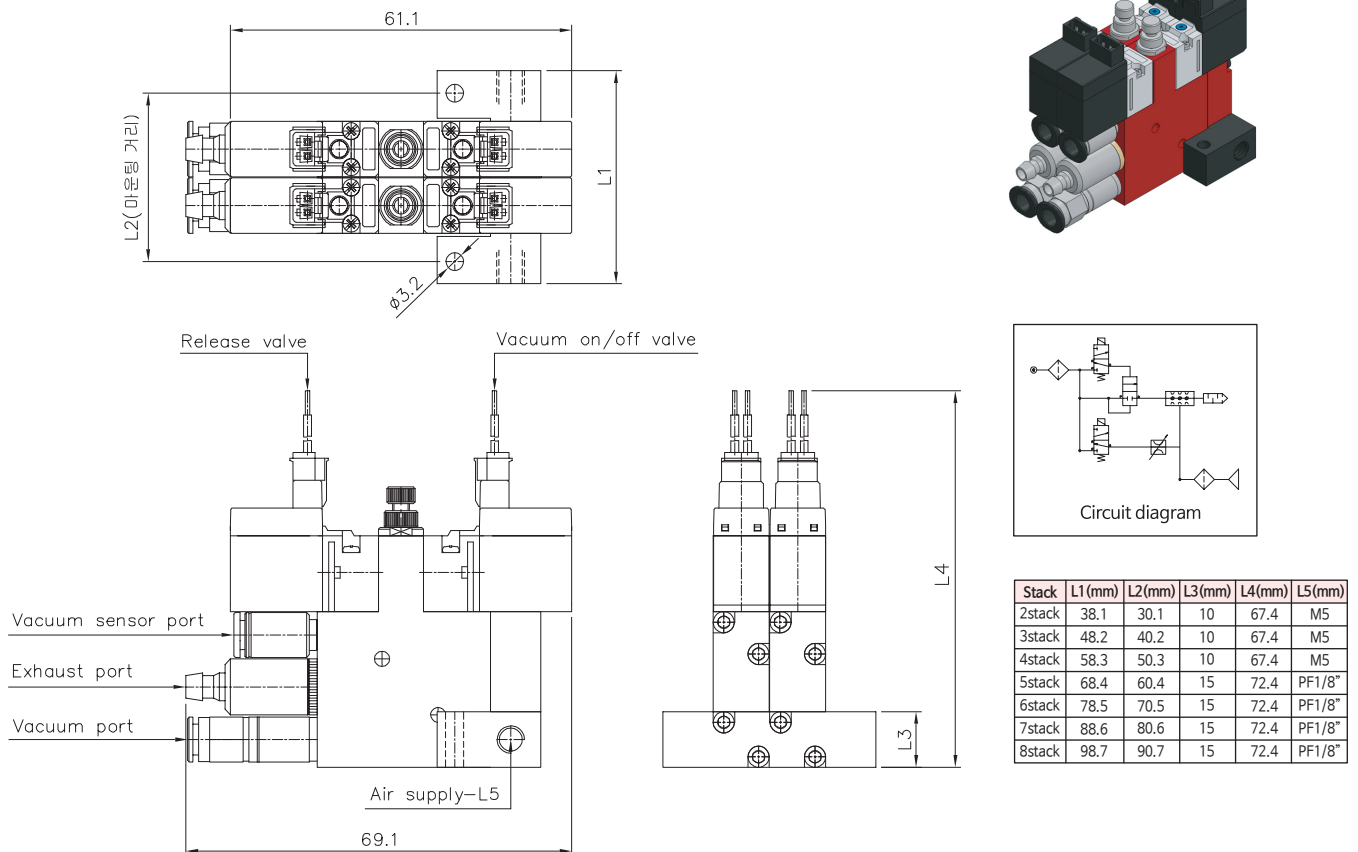


옵션사양 (Option)

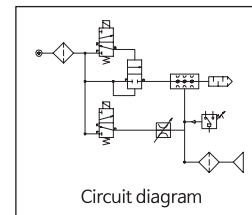
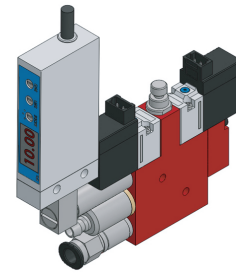
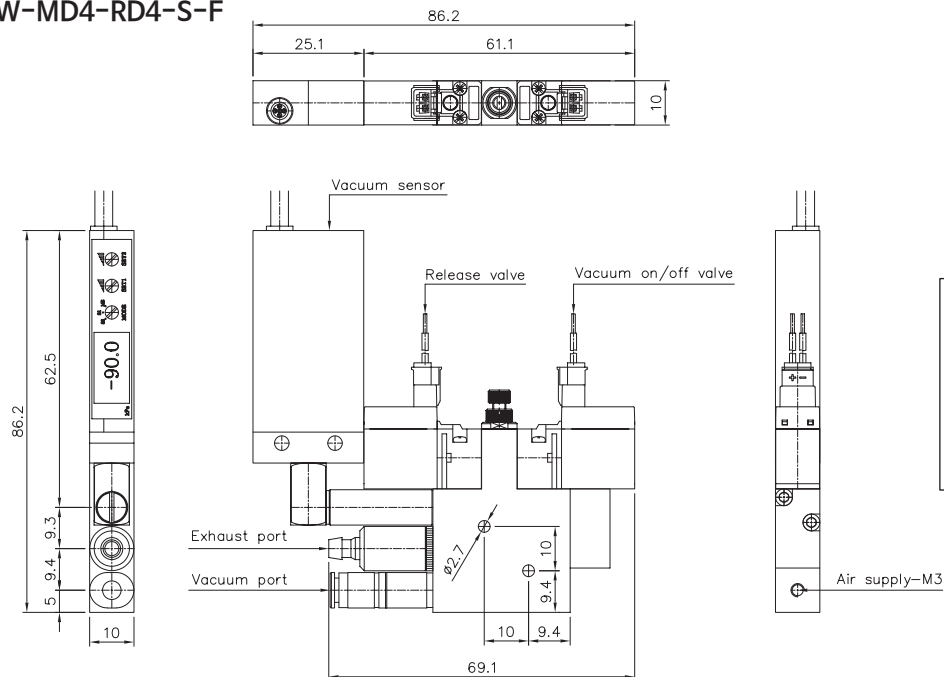
단동 type, 진공 On/Off 밸브, 진공 파기밸브, 진공필터, 연조

Single-acting type, Vacuum On/Off valve, Vacuum release C/R valve, Vacuum filter, Stack

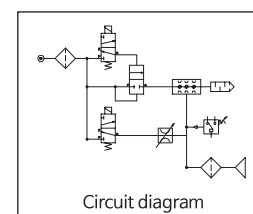
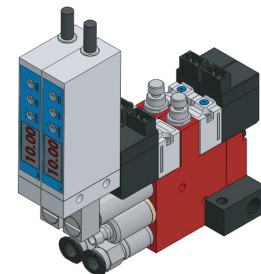
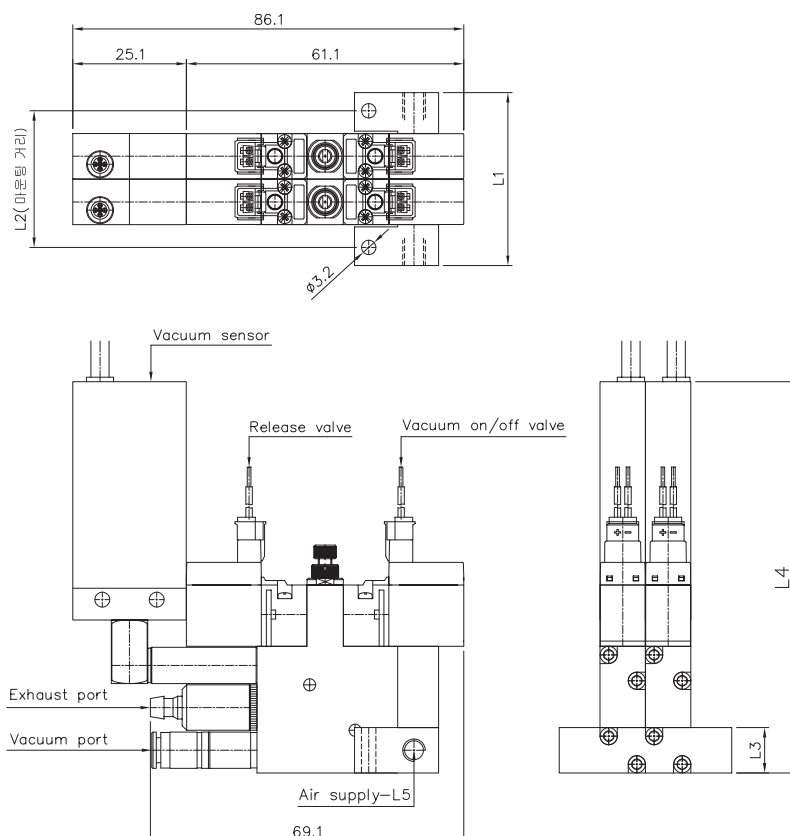
SMT-W-(F2~F8)-MD4-RD4-F



단동 type, 진공 On/Off 밸브, 진공 파기밸브, 진공센서, 진공필터
Single-acting type, Vacuum On/Off valve, Vacuum release C/R valve,
Vacuum switch, Vacuum filter
SMT-W-MD4-RD4-S-F 86.2



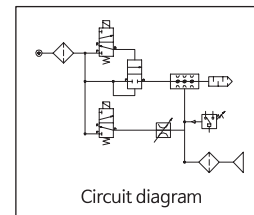
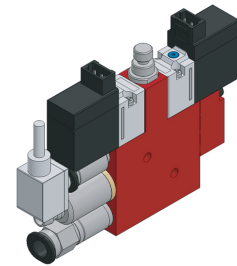
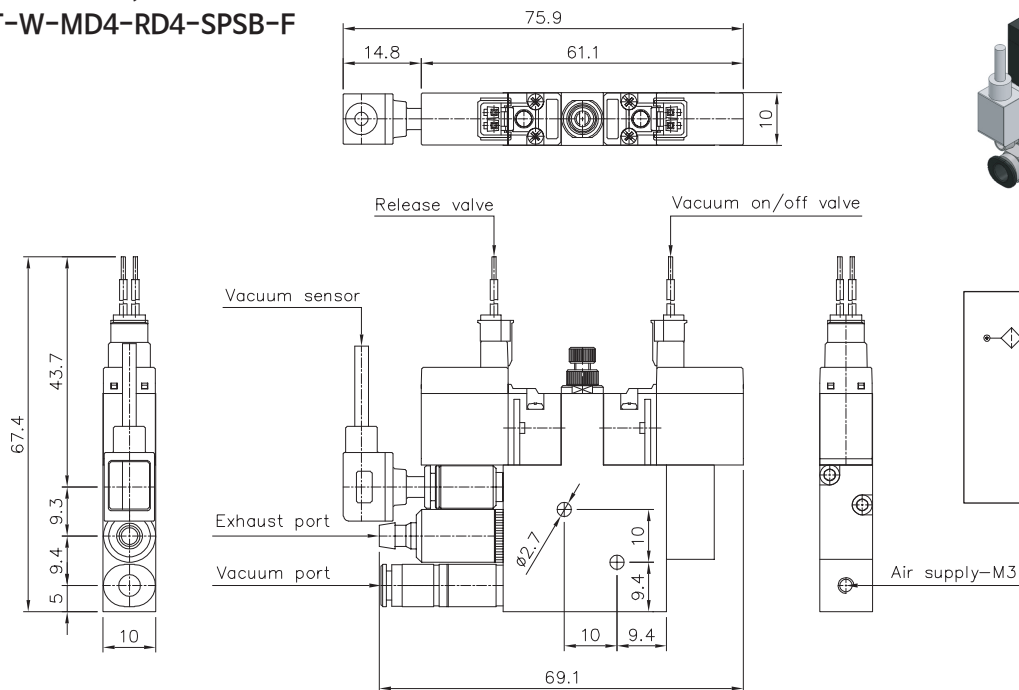
단동 type, 진공 On/Off 밸브, 진공 파기밸브, 진공센서, 진공필터, 연조
Single-acting type, Vacuum On/Off valve, Vacuum release C/R valve,
Vacuum switch, Vacuum filter, Stack
SMT-W-(F2~F8)-MD4-RD4-S-F



Stack	L1(mm)	L2(mm)	L3(mm)	L4(mm)	L5(mm)
2stack	38.1	30.1	10	86.2	M5
3stack	48.2	40.2	10	86.2	M5
4stack	58.3	50.3	10	86.2	M5
5stack	68.4	60.4	15	91.2	PF1/8"
6stack	78.5	70.5	15	91.2	PF1/8"
7stack	88.6	80.6	15	91.2	PF1/8"
8stack	98.7	90.7	15	91.2	PF1/8"

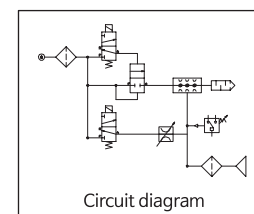
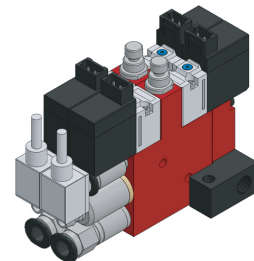
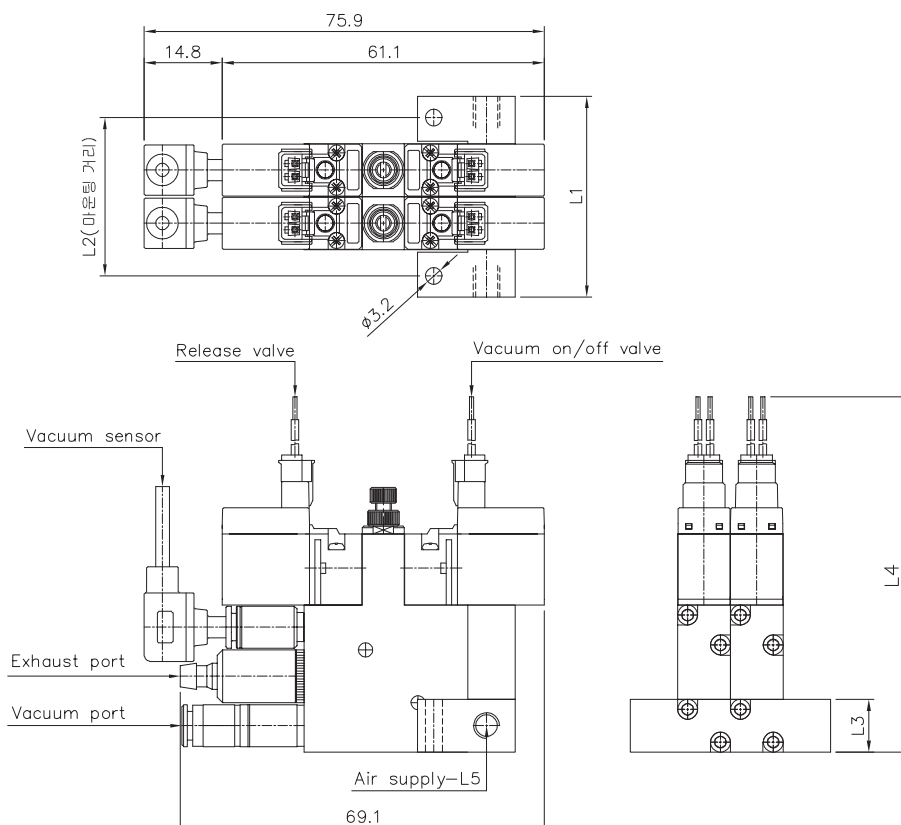
옵션사양 (Option)

단동 type, 진공 On/Off 밸브, 진공 파기밸브, 진공센서, 진공필터
Single-acting type, Vacuum On/Off valve, Vacuum release C/R valve, Vacuum switch, Vacuum filter
SMT-W-MD4-RD4-SPSB-F



옵션사양 (Option)

단동 type, 진공 On/Off 밸브, 진공 파기밸브, 진공센서, 진공필터, 연조
Single-acting type, Vacuum On/Off valve, Vacuum release C/R valve, Vacuum switch, Vacuum filter, Stack
SMT-W-(F2~F8)-MD4-RD4-SPSB-F



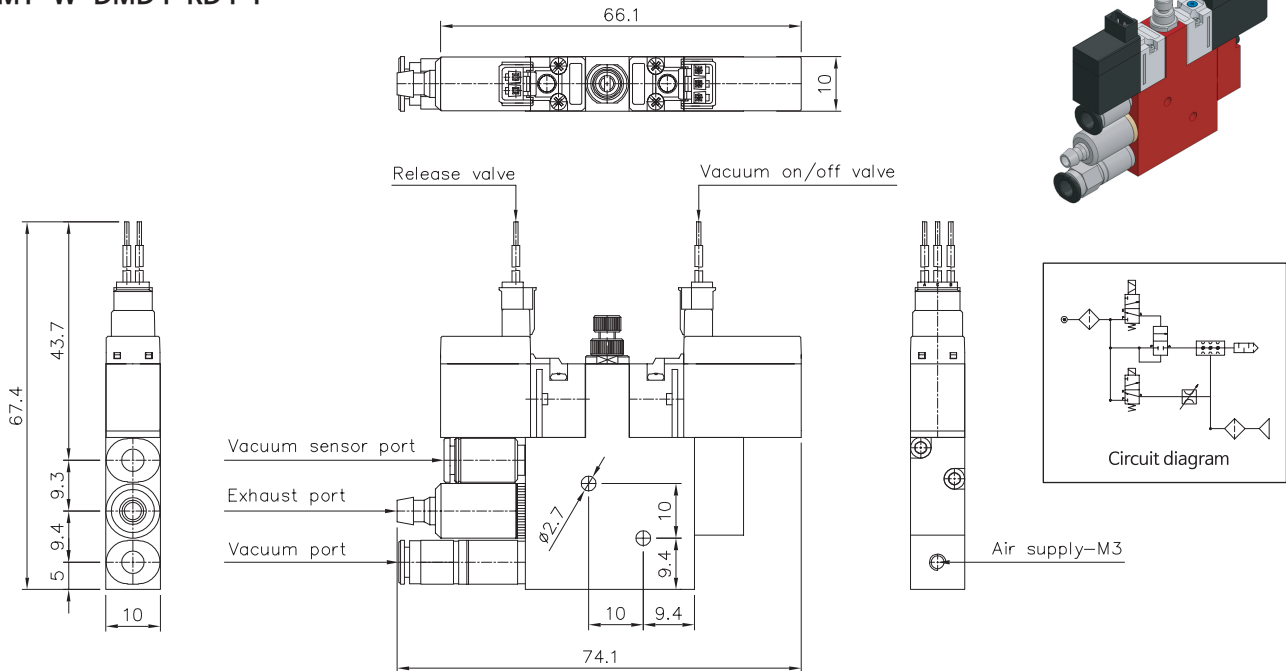
Stack	L1(mm)	L2(mm)	L3(mm)	L4(mm)	L5(mm)
2stack	38.1	30.1	10	67.4	M5
3stack	48.2	40.2	10	67.4	M5
4stack	58.3	50.3	10	67.4	M5
5stack	68.4	60.4	15	72.4	PF1/8"
6stack	78.5	70.5	15	72.4	PF1/8"
7stack	88.6	80.6	15	72.4	PF1/8"
8stack	98.7	90.7	15	72.4	PF1/8"

기본사양 (Normal)

복동 type, 진공 On/Off 밸브, 진공 파기밸브, 진공필터

Double-acting type, Vacuum On/Off valve, Vacuum release C/R valve, Vacuum filter

SMT-W-DMD4-RD4-F

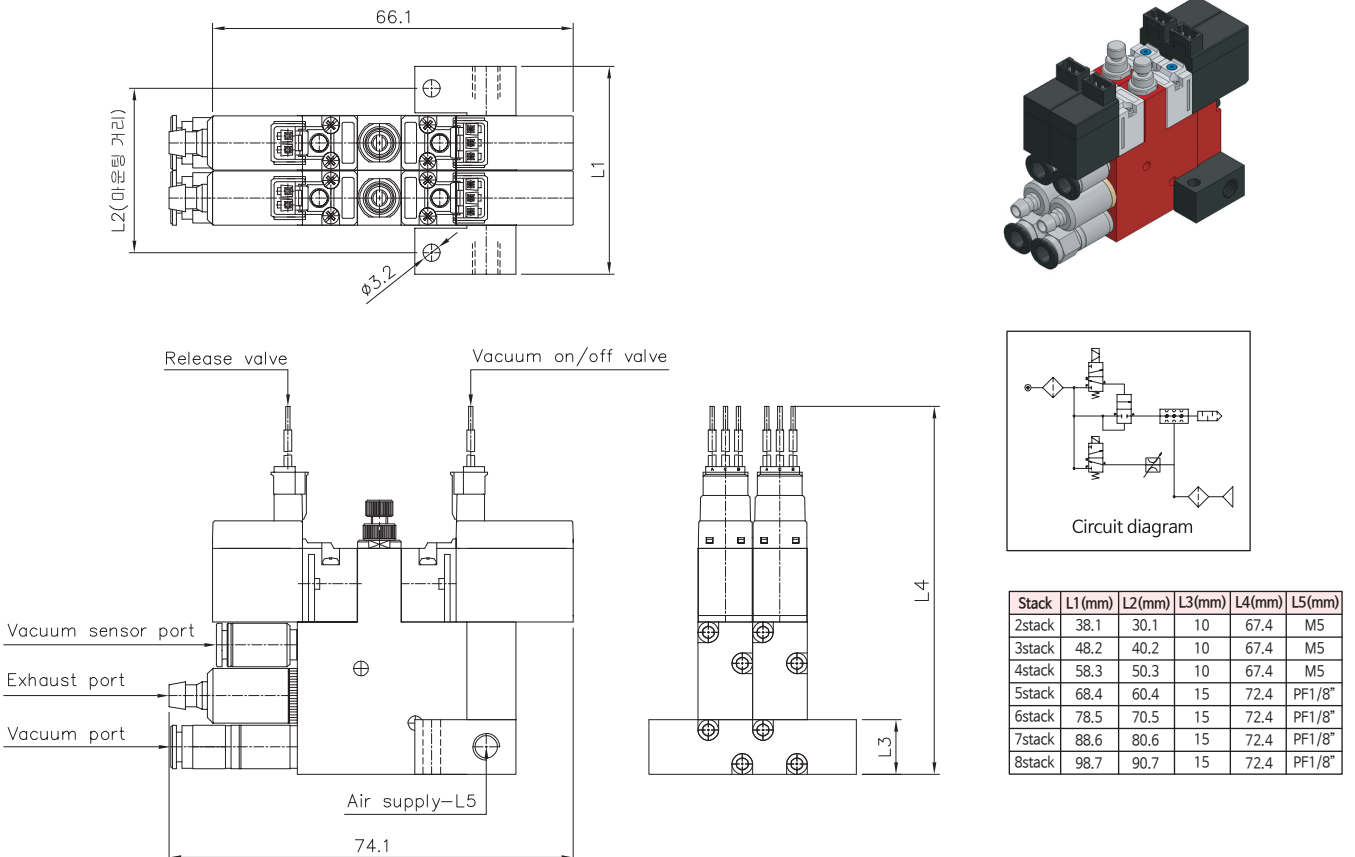


옵션사양 (Option)

복동 type, 진공 On/Off 밸브, 진공 파기밸브, 진공필터, 연조

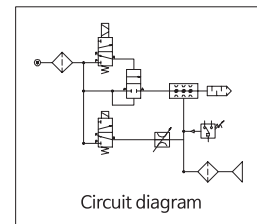
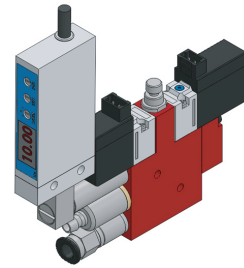
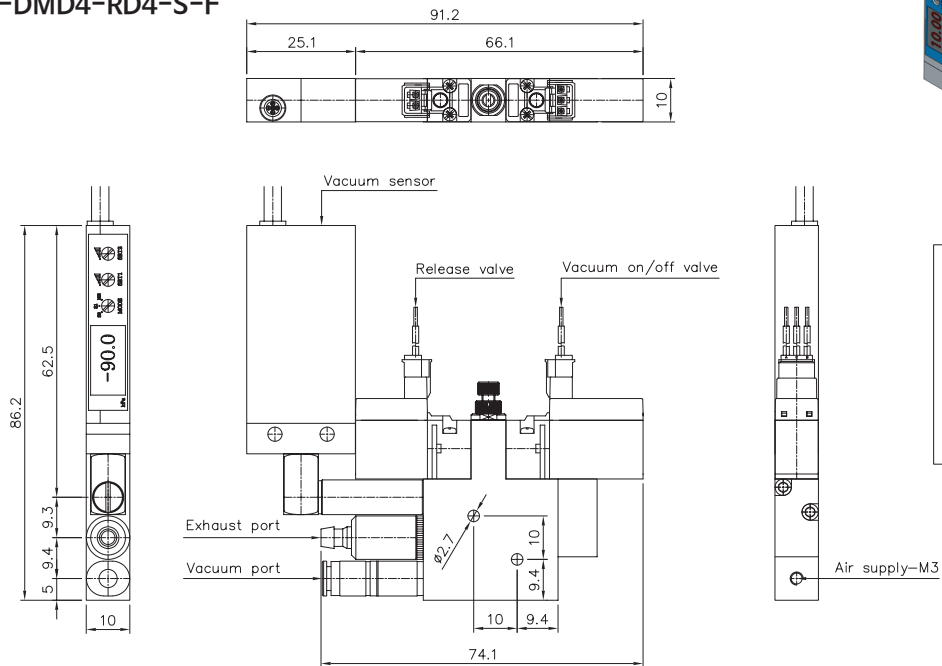
Double-acting type, Vacuum On/Off valve, Vacuum release C/R valve, Vacuum filter, Stack

SMT-W-(F2~F8)-DMD4-RD4-F



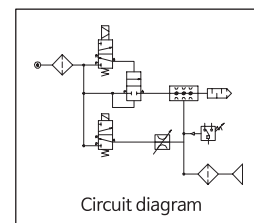
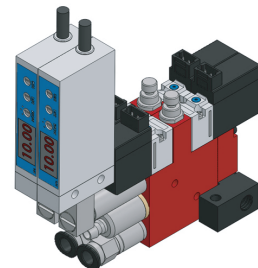
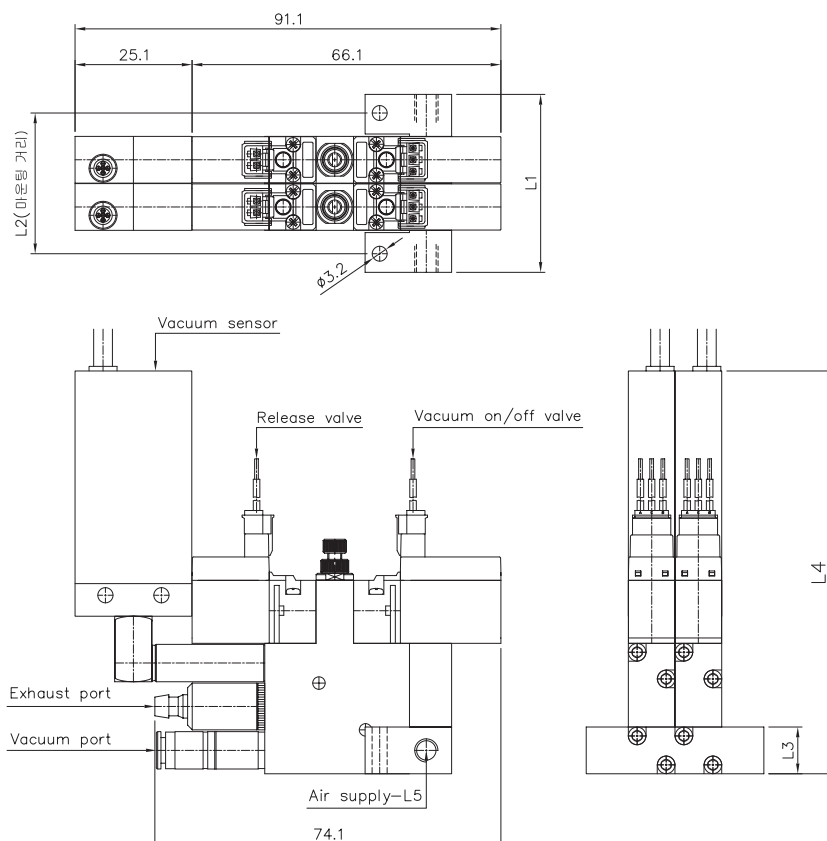
옵션사양 (Option)

복동 type, 진공 On/Off 밸브, 진공 파기밸브, 진공센서, 진공필터
Double-acting type, Vacuum On/Off valve, Vacuum release C/R valve,
Vacuum switch, Vacuum filter
SMT-W-DMD4-RD4-S-F



옵션사양 (Option)

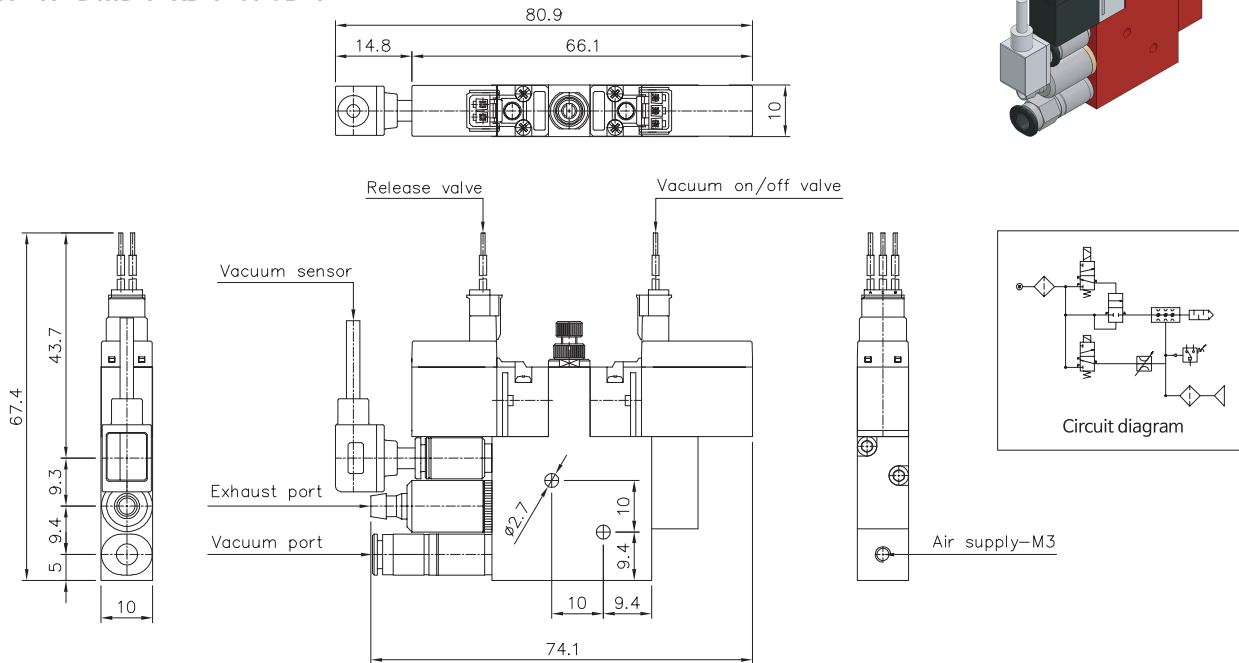
복동 type, 진공 On/Off 밸브, 진공 파기밸브, 진공센서, 진공필터, 연조
Double-acting type, Vacuum On/Off valve, Vacuum release C/R valve,
Vacuum switch, Vacuum filter, Stack
SMT-W-(F2~F8)-DMD4-RD4-S-F



Stack	L1(mm)	L2(mm)	L3(mm)	L4(mm)	L5(mm)
2stack	38.1	30.1	10	86.2	M5
3stack	48.2	40.2	10	86.2	M5
4stack	58.3	50.3	10	86.2	M5
5stack	68.4	60.4	15	91.2	PF1/8"
6stack	78.5	70.5	15	91.2	PF1/8"
7stack	88.6	80.6	15	91.2	PF1/8"
8stack	98.7	90.7	15	91.2	PF1/8"

옵션사양 (Option)

복동 type, 진공 On/Off 밸브, 진공 파기밸브, 진공센서, 진공필터
Double-acting type, Vacuum On/Off valve, Vacuum release C/R valve,
Vacuum switch, Vacuum filter
SMT-W-DMD4-RD4-SPSB-F



옵션사양 (Option)

복동 type, 진공 On/Off 밸브, 진공 파기밸브, 진공센서, 진공필터, 연조
Double-acting type, Vacuum On/Off valve, Vacuum release C/R valve,
Vacuum switch, Vacuum filter, Stack
SMT-W-(F2~F8)-DMD4-RD4-SPSB-F

