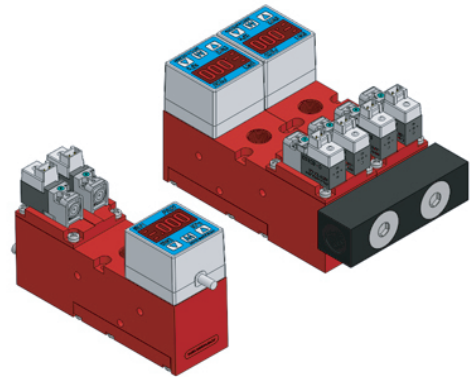


SKMAV Series

제품의 특징 (Features of product)

- ▶ 진공도 및 파괴유량 조절 가능 - 원하는 진공 및 파괴유량 조절로 작업 가능
- ▶ 풀 옵션사양 - 취부공간의 최소화, 구동부에 부착 가능
- ▶ 고유량의 콤팩트한 사이즈 (30mm) - 모든 분야의 적용 가능
- ▶ 핸들러용으로 적합 - 빠른 응답 속도의 실현 가능
- ▶ 독립된 Stack으로 적용 가능 - 에어주입구 1port, 흡입구 1~8 Stack까지 가능
- ▶ 풍부한 유량의 콤팩트한 사이즈
- ▶ 불규칙한 공급 압력에 사용 가능 - 4.5~7bar
- ▶ Vacuum degree and breaking flow rate can be controlled
- It is possible to work with desired vacuum and breaking flow rate control
- ▶ Full optional specification
- Minimization of installation space, attachment to driving part
- ▶ Compact size of high flow rate (30mm) - Applicable in all fields
- ▶ Suitable for handler - It can realize fast response speed
- ▶ Applicable as independent stack - 1 port of air inlet, 1 ~ 8 stack of inlet
- ▶ Compact size with rich flow rate
- ▶ Can be used at irregular supply pressure - 4.5 ~ 7bar

Vacuum control valve



2D download

3D download

www.spatec.co.kr

Order No.

ex) **SKMAV**, 모델-전기식모터 대체용량: 74 N ℓ / m (0.1 KW), 연조: X(None), 씰링: Standard(NBR), 에어공급밸브: MD4(DC 24V Single-acting(단동)), 파기밸브: RD4(DC 24V), 에어피팅: SA6(φ6 (straight)), 진공피팅: SV6(φ6 (straight, stack)), 진공스위치: S (Digital display output 2 points) 가 필요한 경우, **SKMAV-2-MD4-RD4-SA6-SV6-S** 를 주문하시면 됩니다.

SKMAV-①-②-③-④-⑤-⑥-⑦-⑧

① 모델-전기식모터 대체용량

(Model-Capacity equivalent to electricity motor pump size)

- 2: 74 N ℓ / m (0.1 KW)
- 4: 148 N ℓ / m (0.2 KW)

③ 씰링 (Sealing)

- V: Viton
- S: Silicon
- E: EPDM
- NR: Non return valve

No mark: Standard(NBR)

⑤ 파기밸브 (Vacuum release C/R valve)

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

⑦ 진공피팅 (Vacuum fitting-outer)

- X: None
- SV6: φ6 (straight) stack
- SV8: φ8 (straight) stack
- LV6: φ6 (elbow) single
- LV8: φ8 (elbow) single

Remark: Vacuum Port PF 1/8"

② 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

④ 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)

⑥ 에어피팅 (Air fitting-outer)

- X: None
- SA6: φ6 (straight)
- SA8: φ8 (straight)
- SA10: φ10 (straight)
- SA12: φ12 (straight)
- LA6: φ6 (elbow)
- LA8: φ8 (elbow)
- LA10: φ10 (elbow)
- LA12: φ12 (elbow)

Remark: Air Port PF 1/4"

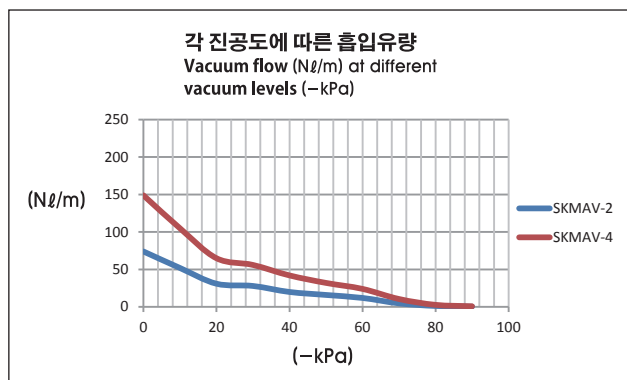
⑧ 진공스위치-디지털 (Vacuum switch)

- X: None
- S: Digital display output 2 points
- S1: Digital display output 2 points (analog supply)
- PS: Digital display output 2 points (PNP open collector)
- PS1: Digital display output 2 points (PNP open collector-analog supply)

펌프의 특징 (Pump Characteristics)

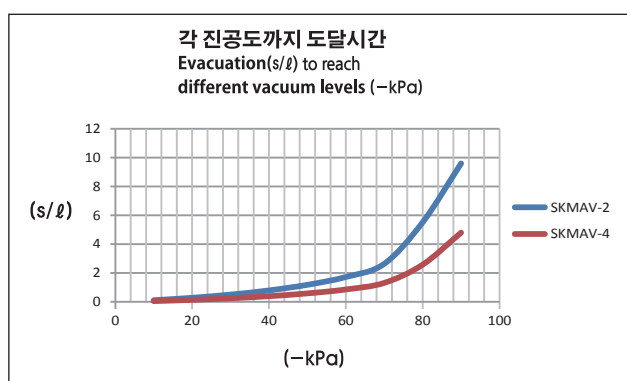
모 델 Model	공급압력 Supply Air Pressure (bar)	최대진공도 Max. vacuum (-kPa) (-mmHg)	최대흡입유량 Max. vacuum flow (N ℓ /m)	에어소모량 Air consumption (N ℓ /m)	최소호스내경 (2m이내기준) min hose innerΦ (within 2M)			소음도 Noise (d B A)	무 게 Weight (g)	사용온도 Working Temperature (°C)	사용재질 Material
					Air	Vacuum	Exhaust				
SKMAV-2	4.5~6	-85~92 kPa	74	30~42	>4	>10	>12	50~60	281	-20~80	AL, POM, PPS
SKMAV-4	Max. 7	(638~690mmHg)	148	60~84	>6	>12	>15	50~60	291		

진공흡입유량 (Induce air in liter per minute) (N ℓ /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
SKMAV-2	74	52	31	28	20	16	12	4.8	1.32	0.4
SKMAV-4	149	105	65	56	42	32	24	10.5	2.7	0.8

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

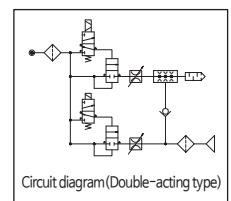
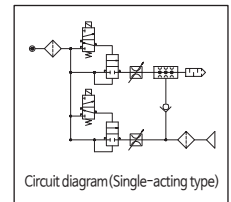
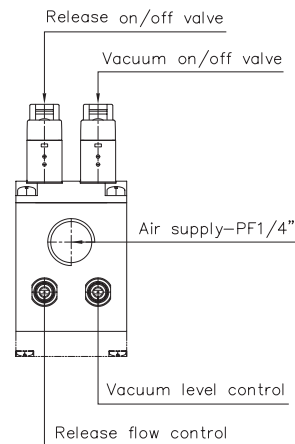
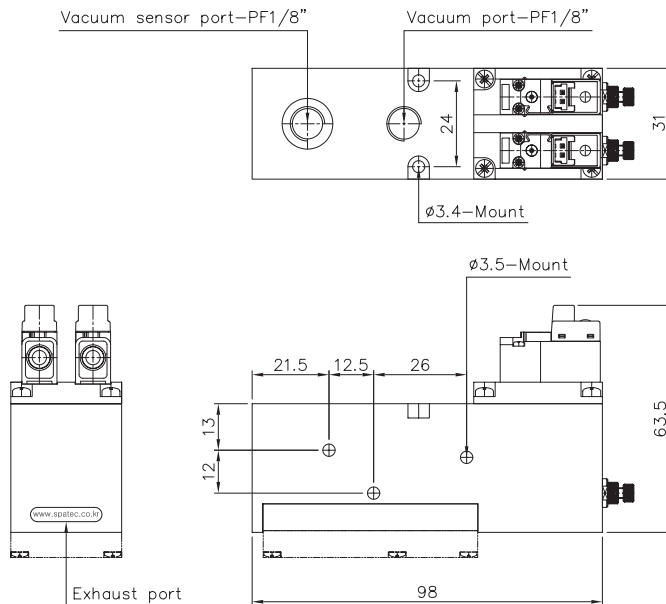
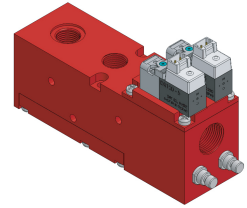


모 델 Model	75 (-mmHg)	150	225	300	375	450	525	600	675
	10 (-kPa)	20	30	40	50	60	70	80	90
SKMAV-2	0.019	0.278	0.500	0.788	1.178	1.720	2.635	5.518	9.595
SKMAV-4	0.054	0.139	0.250	0.394	0.589	0.860	1.317	2.579	4.798

기본사양 (Normal)

단동 type (복동 type), 진공 On/Off 밸브, 진공 파기밸브

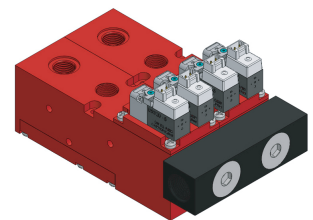
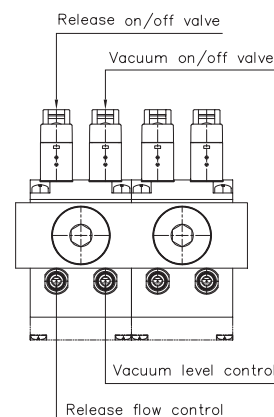
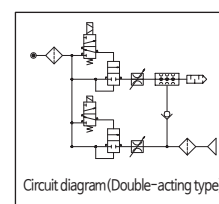
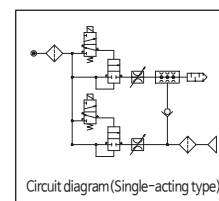
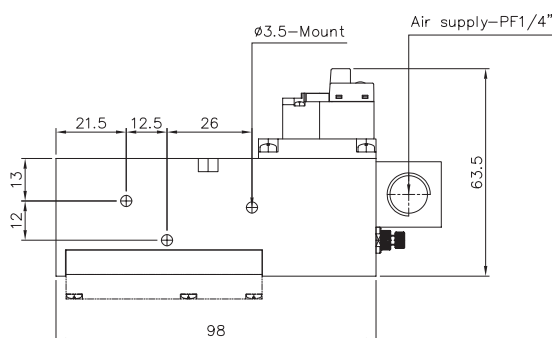
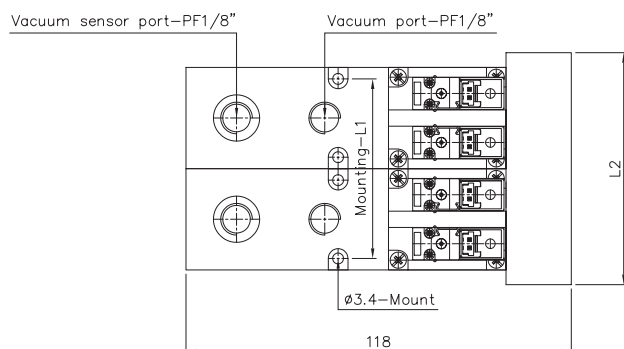
Single-acting type (Double-acting type), Vacuum On/Off valve, Vacuum release C/R valve
SKMAV-2(4)-MD4(DMD4)-RD4



옵션사양 (Option)

단동 type (복동 type), 진공 On/Off 밸브, 진공 파기밸브, 연조

Single-acting type (Double-acting type), Vacuum On/Off valve, Vacuum release C/R valve, Stack
SKMAV-2(4)-F2(F2~F8)-MD4(DMD4)-RD4



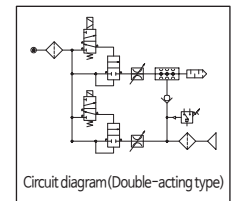
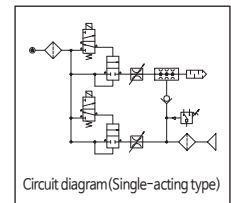
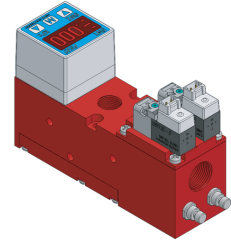
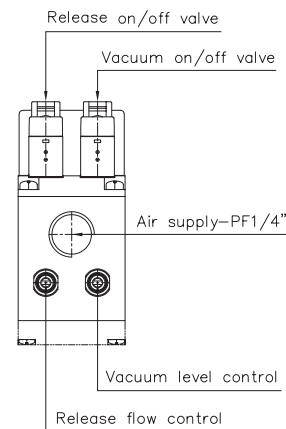
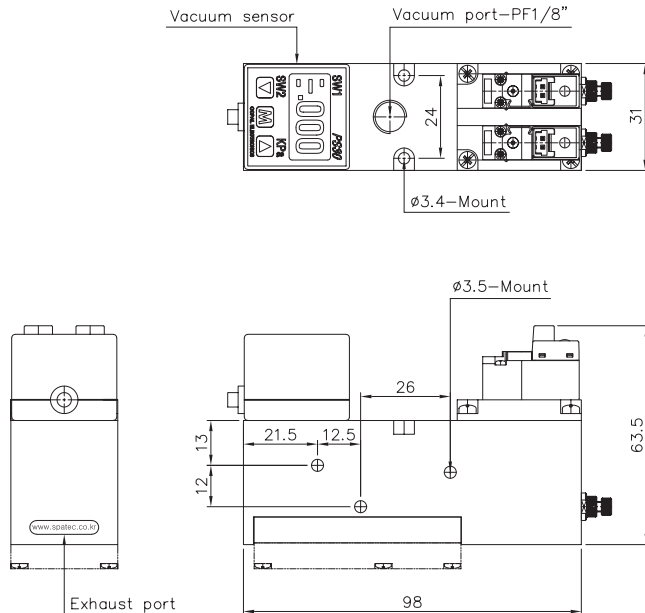
Model	L1(mm)	L2(mm)
2 Stack	55	71
3 Stack	86	102
4 Stack	117	133
5 Stack	148	164
6 Stack	179	195
7 Stack	210	226
8 Stack	241	257

기본사양 (Normal)

단동 type (복동 type), 진공 On/Off 밸브, 진공 파기밸브, 진공센서

Single-acting type (Double-acting type), Vacuum On/Off valve, Vacuum release C/R valve, Vacuum switch

SKMAV-2(4)-MD4(DMD4)-RD4-S

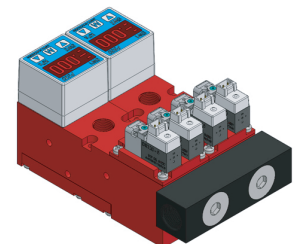
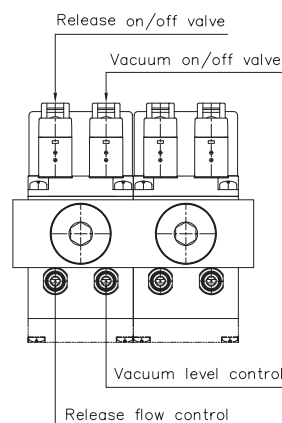
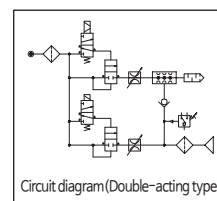
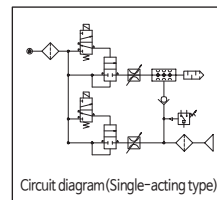
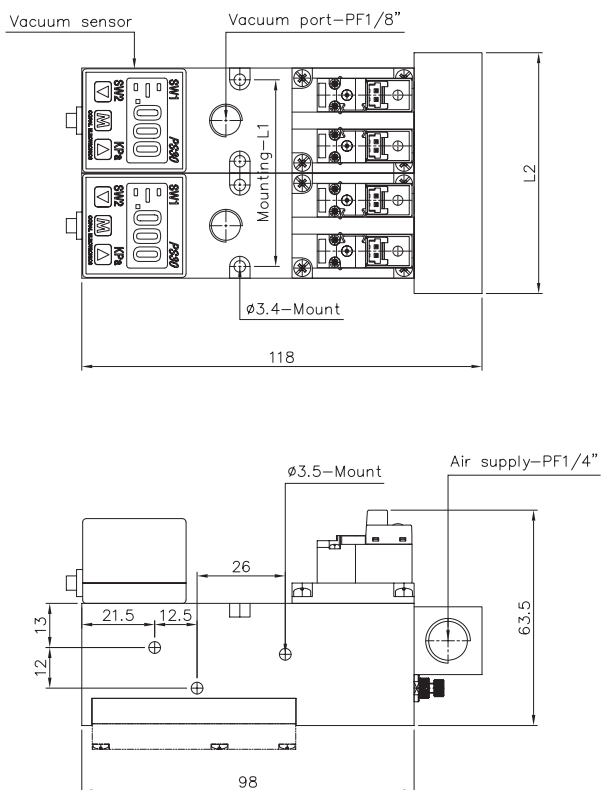


옵션사양 (Option)

단동 type (복동 type), 진공 On/Off 밸브, 진공 파기밸브, 진공센서, 연조

Single-acting type (Double-acting type), Vacuum On/Off valve, Vacuum release C/R valve, Vacuum switch, Stack

SKMAV-2(4)-F2(F2~F8)-MD4(DMD4)-RD4-S



Model	L1 (mm)	L2 (mm)
2 Stack	55	71
3 Stack	86	102
4 Stack	117	133
5 Stack	148	164
6 Stack	179	195
7 Stack	210	226
8 Stack	241	257