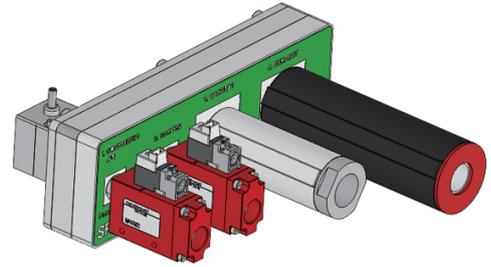


SX Series

제품의 특징 (Features of product)

- ▶ 모터 펌프 대체 가능 - 풍부한 유량과 고진공 발생이 가능
- ▶ 에어 절감 장치 부착 가능 - 에너지 소비를 최소화 가능
- ▶ 낮은 소음도 - 작업 환경의 개선
- ▶ 풀 옵션 부착 가능 - 메인 솔밸브, 진공 파괴 솔밸브, 진공필터, 진공 센서 등
- ▶ 불규칙한 공급 압력에 사용 가능 - 5~7bar
- ▶ Possible to replace motor pump - Abundant flow and high vacuum can be generated
- ▶ Air saving device can be attached - Energy consumption can be minimized
- ▶ Low noise - Improve work environment
- ▶ Possible to attach pull option - Main sol valve, vacuum break sol valve, vacuum filter, vacuum sensor etc.
- ▶ Available for irregular supply pressure - 5 ~ 7bar



2D download 3D download

www.spatec.co.kr

Order No.

ex) **SX**, 모델-전기식모터 대체용량 : 185 N ℓ /m (0.25 KW), 흡입구 사이즈 : PF 1/2" (Standard), 씰링 : Standard (NBR), 에어공급 : MD4 (DC 24V), 진공파기밸브 : RD4 (DC 24V), 진공 스위치 : S (Digital display output 2 points), 진공필터 : F12 (PF 1/2" (STVF-12)) 가 필요한 경우, **SX1-V12-MD4-RD4-S-F12** 를 주문하시면 됩니다.

SX①-②-③-④-⑤-⑥-⑦

① 모델-전기식모터 대체용량

(Model-Capacity equivalent to electricity motor pump size)

- 1 : 185 N ℓ /m (0.25 KW)
- 2 : 365 N ℓ /m (0.5 KW)
- 3 : 521 N ℓ /m (0.75 KW)

④ 에어공급 & 절감밸브

(Air supply C/R & ES valve & ESKMR14 valve)

- X : None
- 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)
- ES : Energy saving kit
- ESKMR14 : Energy saving kit valve system
(All in one valve-three solenoid valve)

⑥ 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)

② 흡입구 사이즈 (Vacuum port)

- V12 : PF 1/2" (Standard)
- V34 : PF 3/4"

③ 씰링 (Sealing)

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

No mark : Standard (NBR)

⑤ 파기밸브 (Vacuum release C/R valve)

- X : None
- RA1 : AC 110V
- RA2 : AC 220V
- RD4 : DC 24V

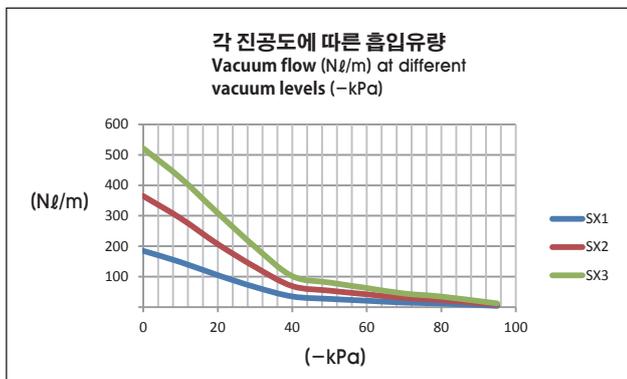
⑦ 진공필터 (Vacuum filter)

- X : None
- F12 : PF 1/2" (STVF-12)
- F34 : PF 3/4" (STVF-34)
- F12L : PF 1/2" (STVF-12L-Line filter)
- F34L : PF 3/4" (STVF-34L-Line filter)

펌프의 특징 (Pump Characteristics)

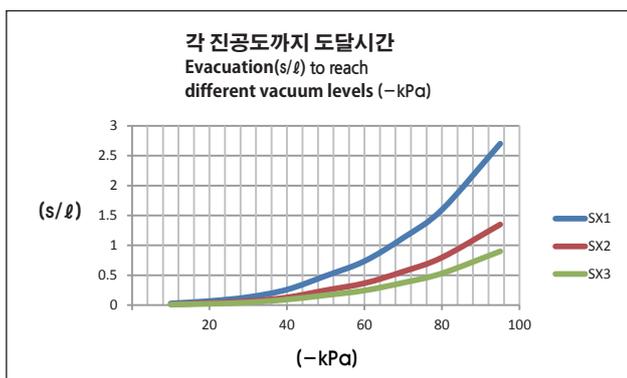
모 델 Model	공급압력 Supply Air Pressure (bar)	최대진공도 Max. vacuum (-kPa) (-mmHg)	최대흡입유량 Max. vacuum flow (N ℓ /m)	에어소모량 Air consumption (N ℓ /m)	최소호스내경 (2m이내기준) min hose innerϕ (within 2M)			소음도 Noise (d B A)	무 게 Weight (g)	사용온도 Working Temperature (°C)	사용재질 Material
					Air	Vacuum	Exhaust				
SX1	5~6 Max. 7	-97 kPa (728mmHg)	185	145	>6	>12	>12	50~60	630	-20~80	AL, POM, PP
SX2			365	290	>8	>15	>15	50~60	632		
SX3			521	435	>10	>19	>22	55~65	804		

진공흡입유량 (Induce air in liter per minute) (N ℓ /m)



모 델 Model	0 (-mmHg)	75	150	225	300	375	450	525	600	712
	0 (-kPa)	10	20	30	40	50	60	70	80	95
SX1	185	148.0	105.0	66.0	35.0	27.0	21.0	15.0	12.0	4.2
SX2	365	292.0	207.0	132.0	69.0	54.0	42.0	30.0	23.0	8.4
SX3	521	424.0	309.0	198.0	102.0	81.0	63.0	45.0	35.0	12.6

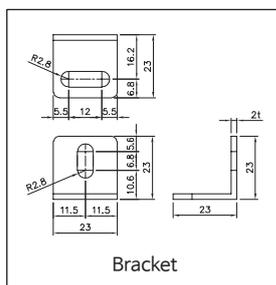
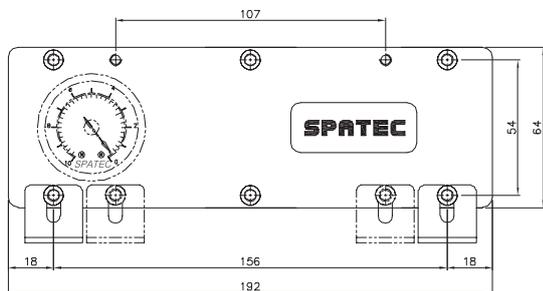
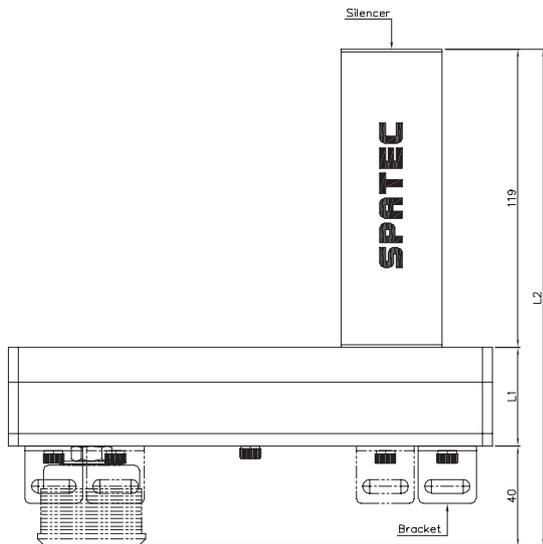
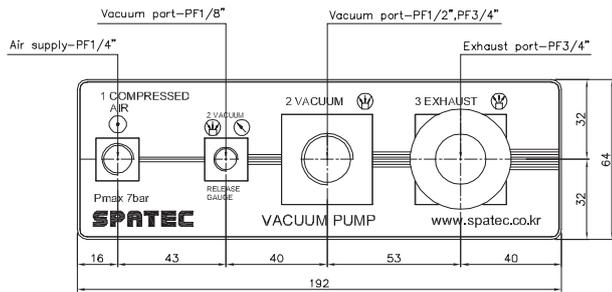
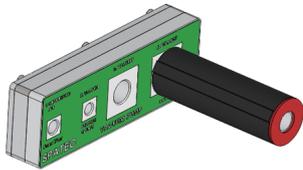
진공 도달시간 (Time in seconds to evacuate to vacuum level) (sec/ℓ)



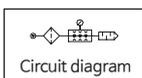
모 델 Model	75 (-mmHg)	150	225	300	375	450	525	600	712
	10 (-kPa)	20	30	40	50	60	70	80	95
SX1	0.028	0.068	0.134	0.260	0.490	0.736	1.126	1.598	2.700
SX2	0.014	0.035	0.067	0.130	0.250	0.368	0.563	0.799	1.350
SX3	0.011	0.023	0.046	0.095	0.167	0.246	0.376	0.533	0.900

기본사양 (Normal)

SX(1~3)-V12(V34)

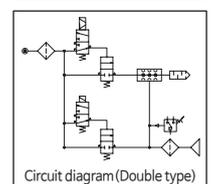
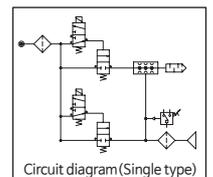
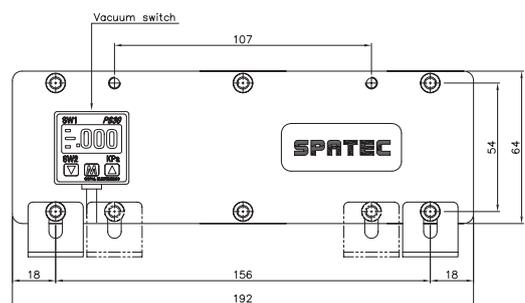
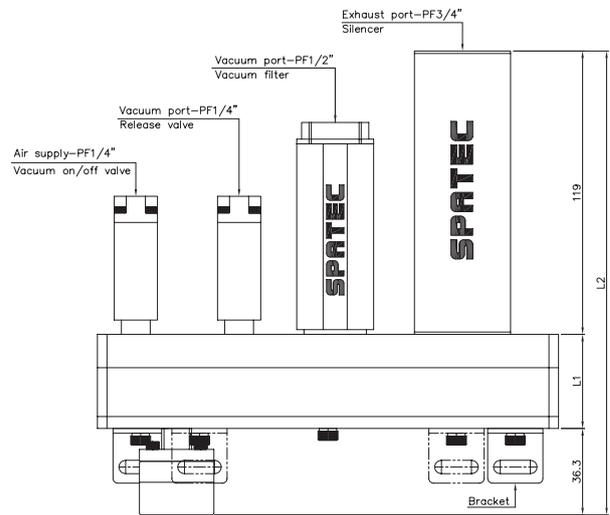
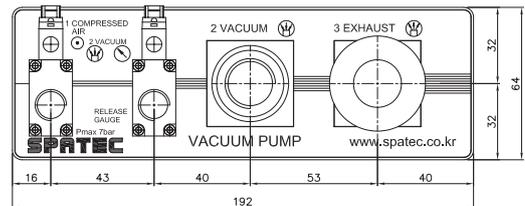
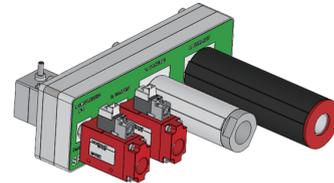


Model	L1 (mm)	L2 (mm)
SX1	39.5	198.5
SX2	39.5	198.5
SX3	60	219



옵션사양 (Option)

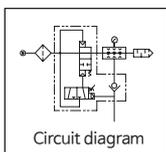
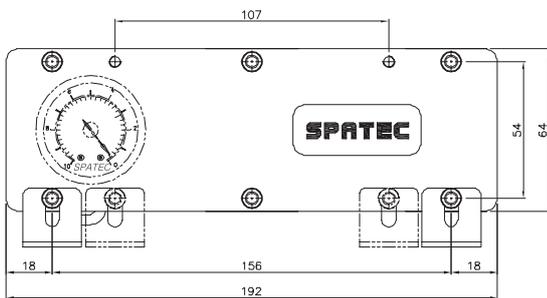
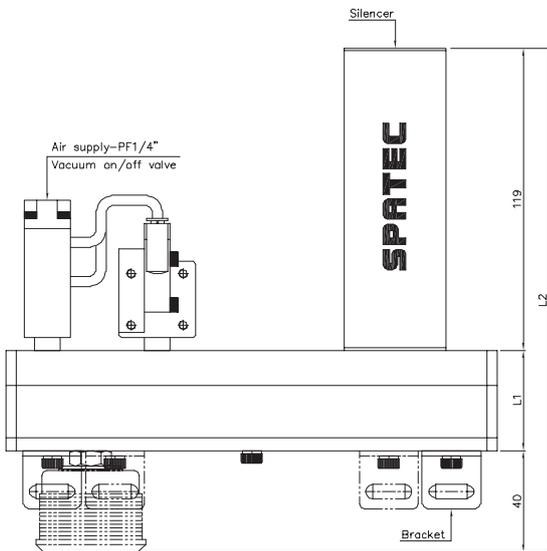
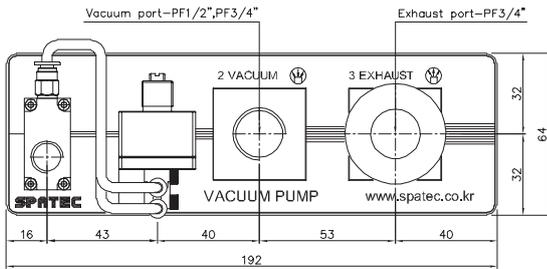
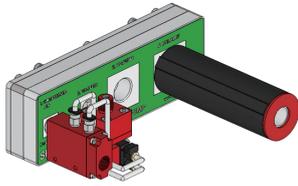
단동 type(복동 type), 진공 On/Off 밸브, 진공 파기밸브, 진공센서, 진공필터
 Single-acting type(Double-acting type), Vacuum On/Off valve,
 Vacuum release C/R valve, Vacuum filter
 SX(1~3)-V12(V34)-MD4(DMD4)-RD4-S-F



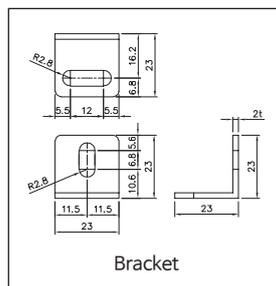
Model	L1 (mm)	L2 (mm)
SX1	39.5	194.8
SX2	39.5	194.8
SX3	60	215.3

옵션사양 (Option)

에어절감밸브 (Energy saving valve)
SX(1~3)-V12(V34)-ES

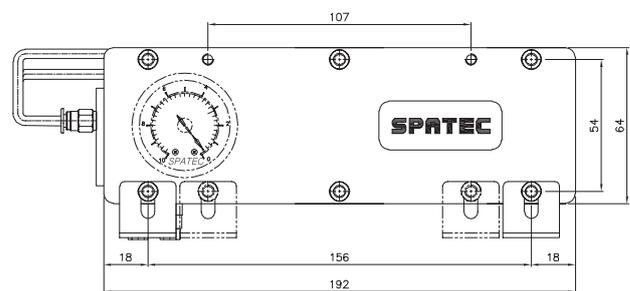
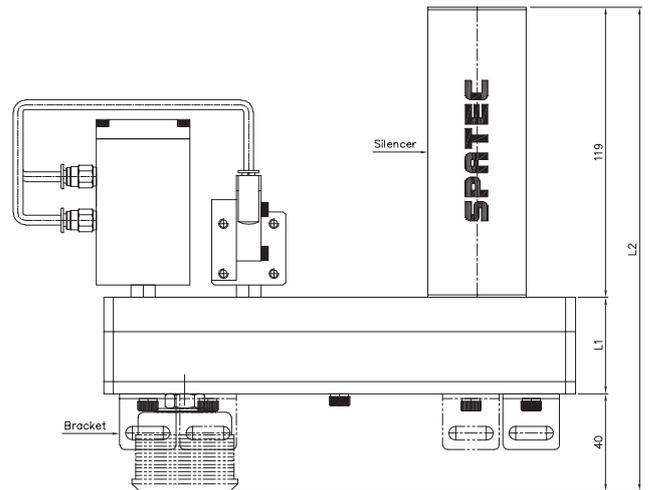
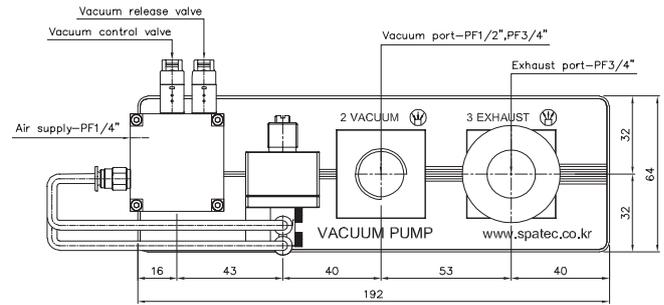
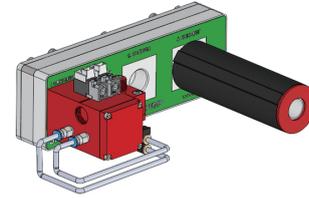


Model	L1 (mm)	L2 (mm)
SX1	39.5	198.5
SX2	39.5	198.5
SX3	60	219



옵션사양 (Option)

ESKMR14 : Energy saving kit valve system
(All in one valve-three solenoid valve)
SX(1~3)-V12(V34)-ESKMR14



Model	L1 (mm)	L2 (mm)
SX1	39.5	198.5
SX2	39.5	198.5
SX3	60	219