

VACUUM PUMP VMDP



공급 압력 / Feed pressure : 0.4~0.6 MPa
 에어 소모량 / Air consumption : 228~630 Nℓ/m
 최대 진공 / Max vacuum : -92 kPa
 소음도 / Noise level : 50~65 dBA
 재질 / Material : AL
 사용온도 / Working temperature : -20~80℃
 중량 / Weight : 736~1010g

Order no.

VMDP ① - ② - ③ - ④

① 용량 / CAPACITY
 전기모터펌프 동일한 용량
 Capacity equivalent to
 electricity motor pump size

30 : 1050 Nℓ/m (0.75 KW) 50 : 1360 Nℓ/m (1.25 KW)
 40 : 1260 Nℓ/m (1.0 KW) 60 : 1540 Nℓ/m (1.5 KW)

② 씰링 / SEALING

N : NBR(표준 씰 / Standard seal)
 V : VITON
 E : EPDM
 NR : NON RETURN VALVE & NBR SEAL
 NV : NON RETURN VALVE & VITON SEAL
 NE : NON RETURN VALVE & EPDM SEAL

③ 에어공급 밸브 / AIR SUPPLY CONTROL VALVE

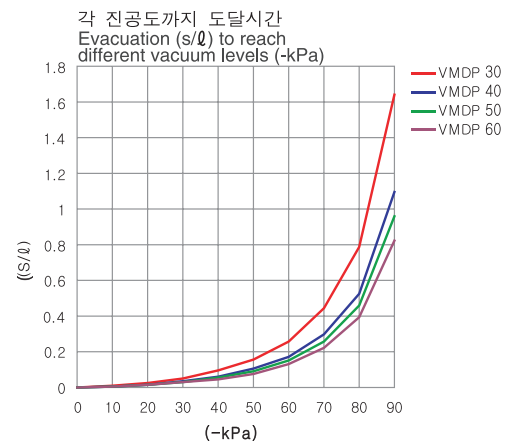
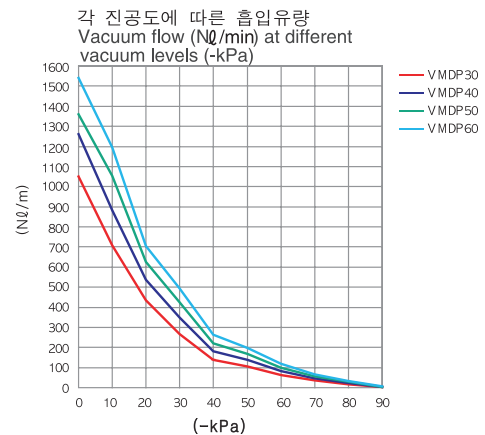
X : 없음 (NONE)
 M1 : AC 110V
 M2 : AC 220V
 M4 : DC 24V
 AS : 에어절약키트 부착 / Air saving kit attach
 에어공급포트 / Air supply port : PF 1/4"
 진공포트 / Vacuum port : PF 3/4"
 배기포트 / Exhaust port : 소음기 / Silencer (2 X PF 3/4")

④ 진공파기 밸브
 VACUUM RELEASE
 CONTROL VALVE

X : 없음 (NONE)
 R1 : AC 110V
 R2 : AC 220V
 R4 : DC 24V

유의사항 / Remarks

AS-kit 적용시 공급밸브 및 스위치 부착 불가
 In case of applying to AS-KIT, release control valve & vacuum switch is not available



DESIGN DATA

펌프의 특징 / Pump Characteristics

MODEL	최대 진공 Max.Vacuum -kPa(-mmHg)	최대 진공 유량 Max.Vacuum flow(Nℓ/min)	에어 소모량 Air consumption (Nℓ/min)	소음도 noise level (dBA)	중량 weight (g)	최소 호스 내경 \varnothing (2m 이내) Min hose inner \varnothing (within 2m)		
						공급 air supply	진공 vacuum	배기 exhaust
VMDP 30	-92 (-690)	1050	228 ~ 318	50 ~ 60	736	>8	>25	>32
VMDP 40		1260	300 ~ 420	50 ~ 60	937	>10	>25	>32
VMDP 50		1360	378 ~ 528	55 ~ 65	938	>10	>32	>40
VMDP 60		1540	450 ~ 630	55 ~ 65	1010	>10	>32	>40

진공흡입유량 (Nℓ/min) / Induce air in liters per minute (Nℓ/min)

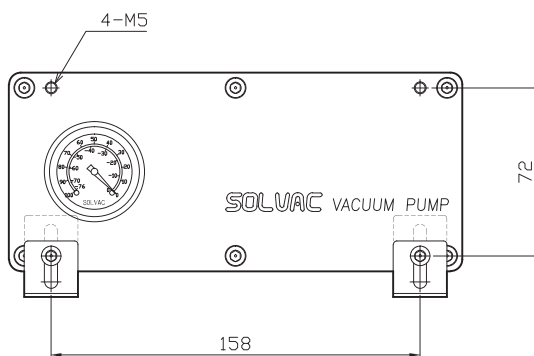
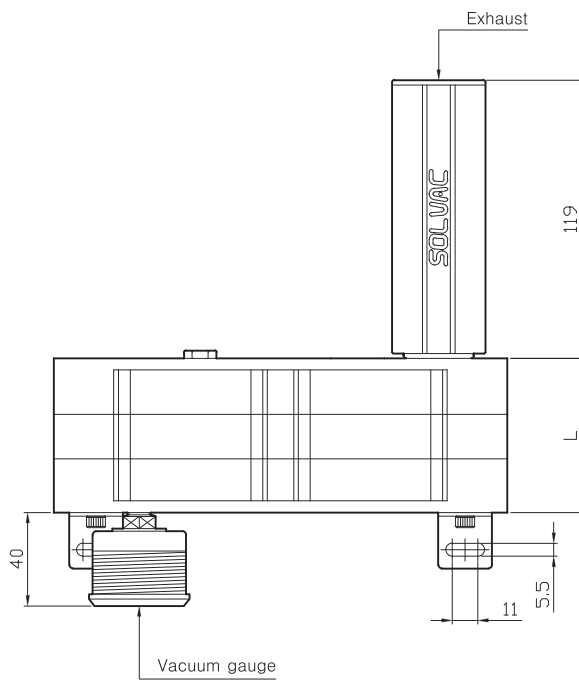
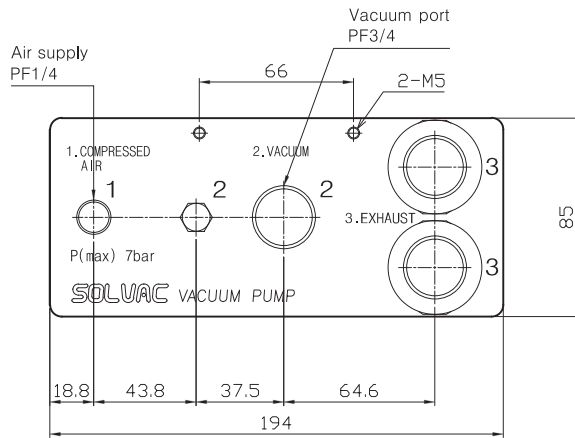
MODEL	-mmHg -kPa	0 (-mmHg) 0 (-kPa)	75	150	225	300	375	450	525	600	675
	VMDP 30	1050	708	436	266	139	106	64	35	18	2.6
VMDP 40	1260	881	537	349	180	138	82	45	23	3.4	
VMDP 50	1360	1055	626	424	222	168	100	55	28	4.2	
VMDP 60	1540	1194	704	494	264	199	118	65	33	5	

진공도달시간 (sec/Q) / Time in seconds to evacuate to vacuum level (sec /Q)

MODEL	-mmHg -kPa	75 (-mmHg) 10 (-kPa)	150	225	300	375	450	525	600	675
	VMDP 30	0.009	0.023	0.05	0.094	0.157	0.259	0.445	0.788	1.644
VMDP 40	0.006	0.015	0.033	0.063	0.105	0.173	0.297	0.526	1.097	
VMDP 50	0.006	0.014	0.031	0.055	0.092	0.151	0.260	0.460	0.960	
VMDP 60	0.005	0.013	0.030	0.047	0.078	0.129	0.223	0.394	0.823	

DIMENSION

VMDP type

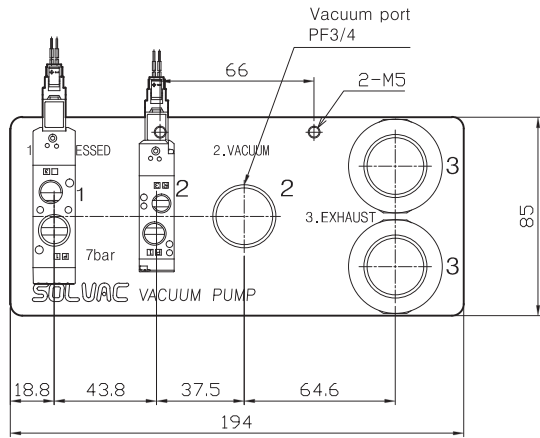


MODEL	L (mm)
VMDP30 - (N) - X - X	47
VMDP40 - (N) - X - X	66
VMDP50 - (N) - X - X	
VMDP60 - (N) - X - X	

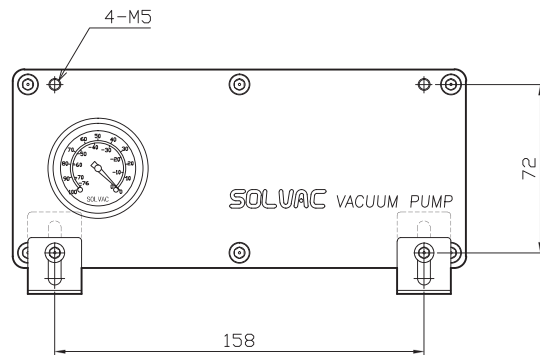
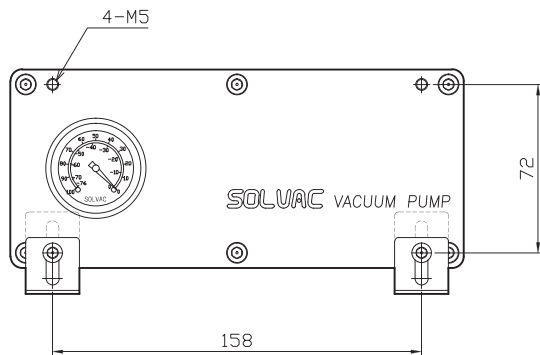
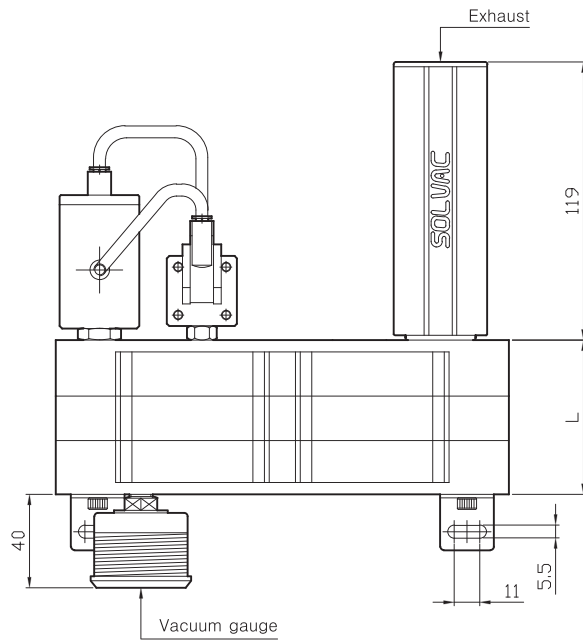
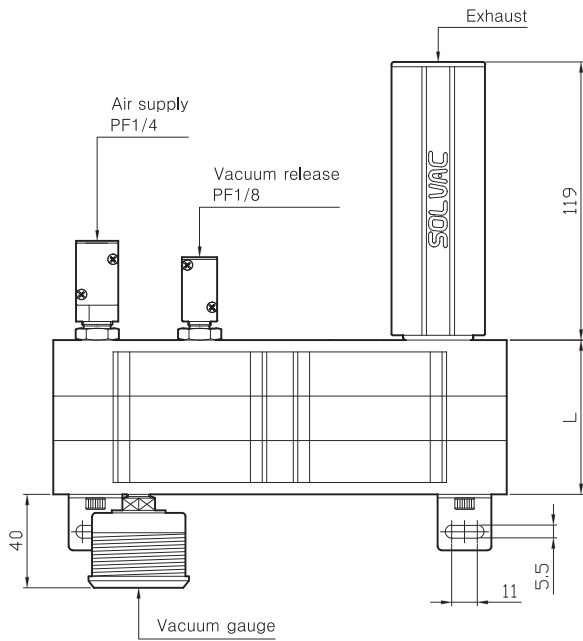
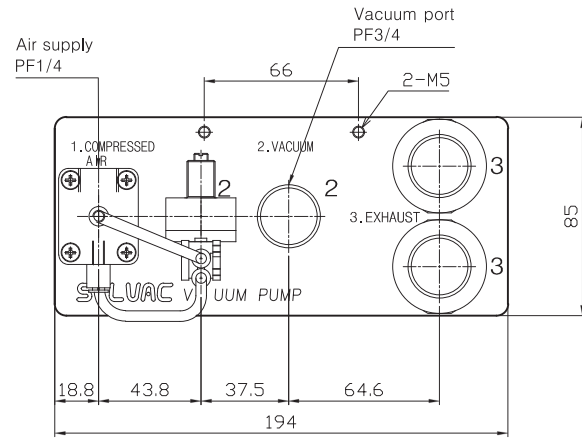
※품질 향상을 위해 예고없이 사양이 변경될 수 있음.
Specifications subject to change without notice.

DIMENSION

VMDP type (with valve)



(with AS-KIT)



(mm)

MODEL	L
VMDP30 - (N) - (M4) - (R4)	47
VMDP40 - (N) - (M4) - (R4)	
VMDP50 - (N) - (M4) - (R4)	66
VMDP60 - (N) - (M4) - (R4)	

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