

# VACUUM PUMP KM/KX



공급 압력 / Feed pressure : 0.4 ~ 0.6 MPa  
 에어 소모량 / Air consumption : 30 ~ 144 Nℓ/m  
 최대 진공 / Max vacuum : -85 ~ -92 kPa  
 소음도 / Noise level : 50 ~ 67 dBA  
 재질 / Material : PPS, AL  
 사용온도 / Working temperature : -20 ~ 80°C  
 중량 / Weight : 330 ~ 350g

Order no.

K ① - ② - ③ - ④ - ⑤

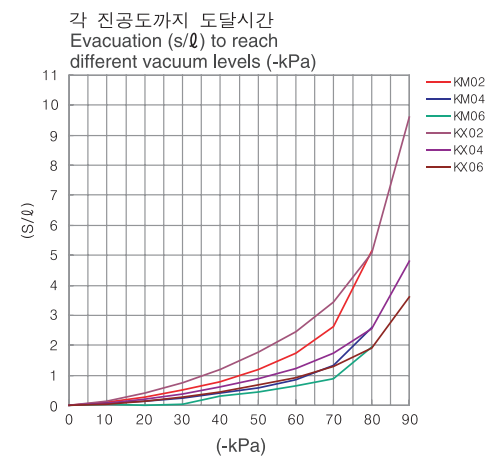
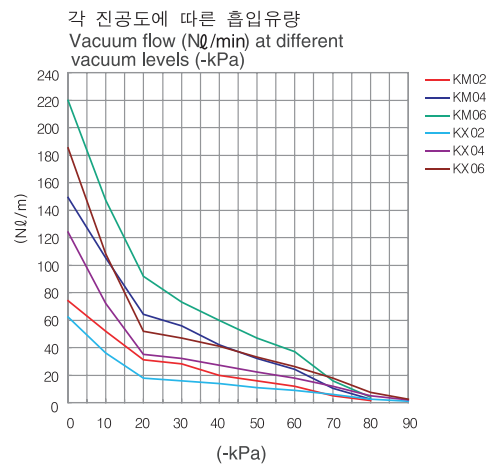
- ① 모델 / MODEL      ② 용량 / CAPACITY
- |               |                     |
|---------------|---------------------|
| M : 85 (-kPa) | 02C : 74 Nℓ/m (KM)  |
| X : 92 (-kPa) | 62 Nℓ/m (KX)        |
|               | 04C : 149 Nℓ/m (KM) |
|               | 124 Nℓ/m (KX)       |
|               | 06C : 220 Nℓ/m (KM) |
|               | 185 Nℓ/m (KX)       |

- ③ 에어공급밸브 및 진공파기밸브  
 AIR SUPPLY CONTROL VALVE &  
 VACUUM RELEASE CONTROL VALVE
- |              |
|--------------|
| M1 : AC 110V |
| M2 : AC 220V |
| M4 : DC 24V  |

- ④ 진공연조 / VACUUM STACK
- |                   |
|-------------------|
| X : 없음 (NONE)     |
| F2 : 2 연조 / STACK |
| F3 : 3 연조 / STACK |
| F4 : 4 연조 / STACK |
| F5 : 5 연조 / STACK |

- ⑤ 진공센서(옵션)  
 VACUUM SENSOR (OPTION)
- |                                   |
|-----------------------------------|
| X : 없음 (NONE)                     |
| S : NPN (2점출력 / out put 2 point)  |
| PS : PNP (2점출력 / out put 2 point) |

\* 진공약세사리 필터 (특별주문)  
 VACUUM ACCESSORIES FILTER (MAKE TO ORDER)  
 - BVF38LF  
 - BVF38LFA



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

# 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 $\phi$ (2m 이내) Min hose inner $\phi$ (within 2m)		
						공급 air supply	진공 vacuum	배기 exhaust
KM02	-85 (-637.5)	74	30 ~ 42	50 ~ 65	330	>4	>10	>12
KM04		149	60 ~ 84		340	>4	>10	>12
KM06		220	90 ~ 126		350	>6	>12	>15
KX02	-92 (-690)	62	43 ~ 48	50 ~ 67	330	>4	>10	>12
KX04		124	86 ~ 96		340	>4	>10	>12
KX06		185	129 ~ 144		350	>6	>12	>15

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

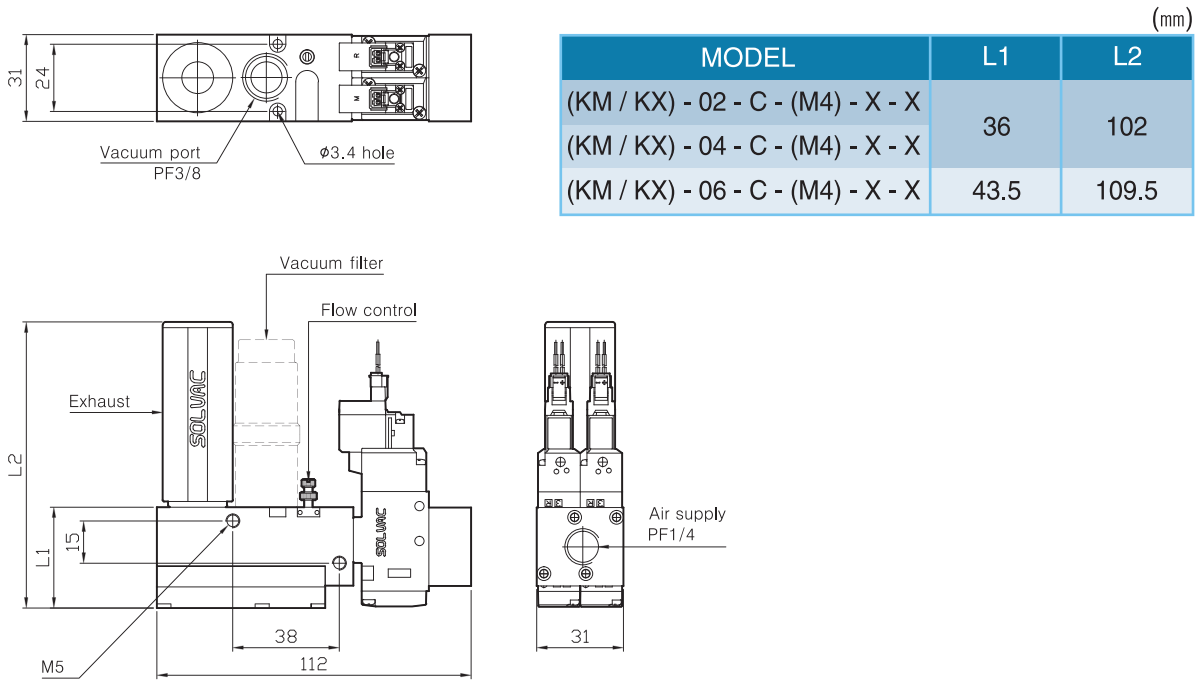
MODEL	0(-mmHg) 0(-kPa)	75 0	150 20	225 30	300 40	375 50	450 60	525 70	600 80	675 90
KM02	74	52	31	28	20	16	12	4.8	1.32	
KM04	149	105	64	56	42	32	24	10.5	2.7	
KM06	220	147	92	73	60	47	37	16	4.1	
KX02	62	36	18	16	14	11	9	6	2.4	0.9
KX04	124	72	35	32	27	22	18	12	4.8	1.8
KX06	185	108	52	47	41	33	26	18	7.2	2.7

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

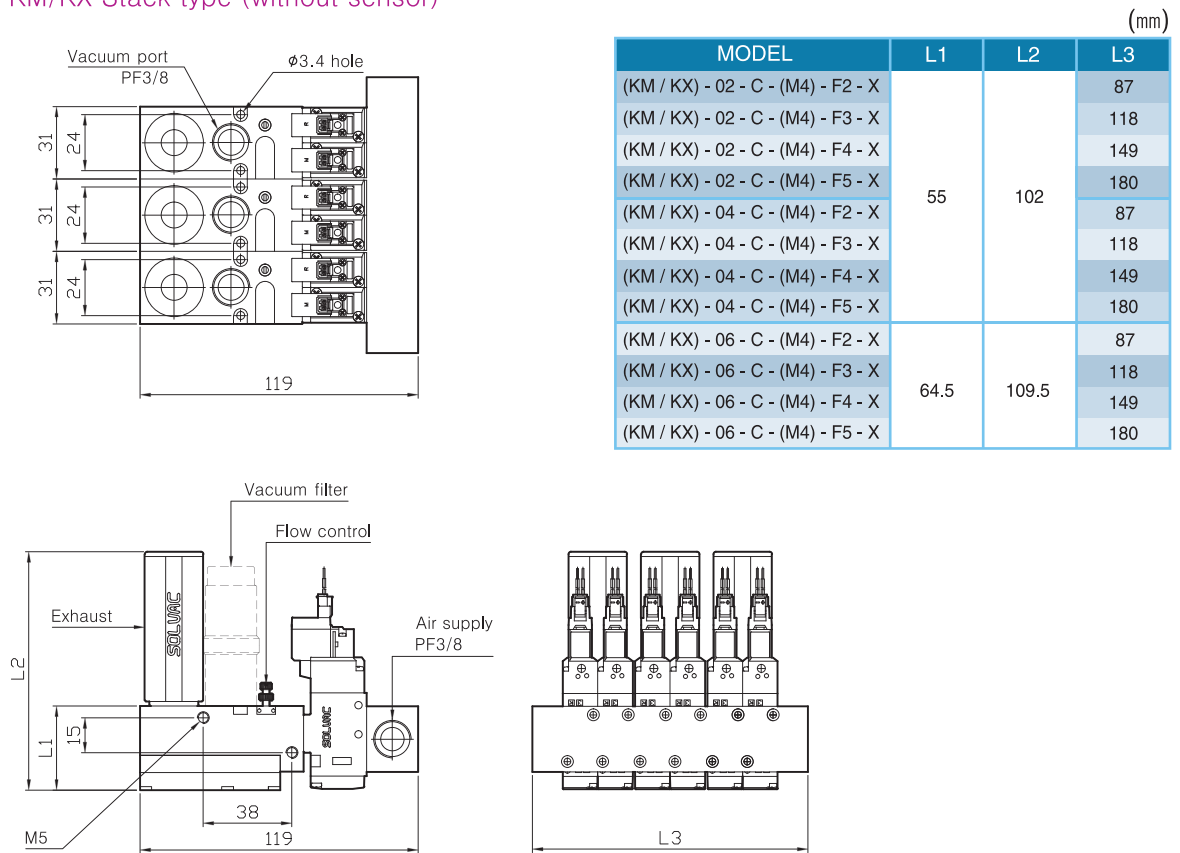
MODEL	75(-mmHg) 10(-kPa)	150 20	225 30	300 40	375 50	450 60	525 70	600 80	675 90
KM02	0.109	0.278	0.5	0.788	1.178	1.72	2.635	5.158	
KM04	0.054	0.139	0.25	0.394	0.589	0.86	1.317	2.579	
KM06	0.041	0.010	0.019	0.295	0.441	0.647	0.898	1.935	
KX02	0.129	0.398	0.758	1.2	1.78	2.455	3.445	5.08	9.594
KX04	0.064	0.199	0.379	0.6	0.89	1.227	1.722	2.54	4.797
KX06	0.048	0.149	0.284	0.44	0.673	0.917	1.287	1.906	3.595

# DIMENSION

KM/KX type (without sensor)



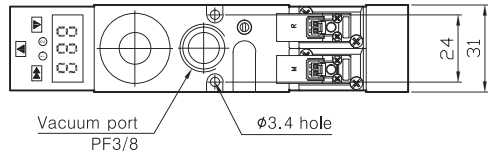
KM/KX Stack type (without sensor)



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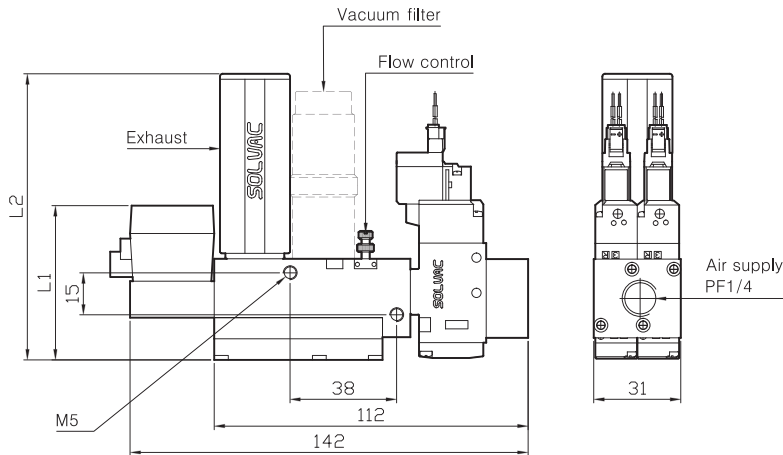
# DIMENSION

KM/KX type (with sensor)

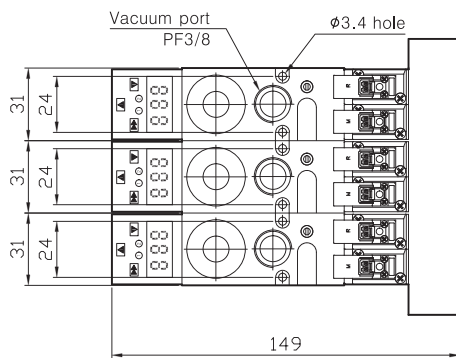


(mm)

MODEL	L1	L2
(KM / KX) - 02 - C - (M4) - X - S	55	102
(KM / KX) - 04 - C - (M4) - X - S	55	102
(KM / KX) - 06 - C - (M4) - X - S	64.5	109.5

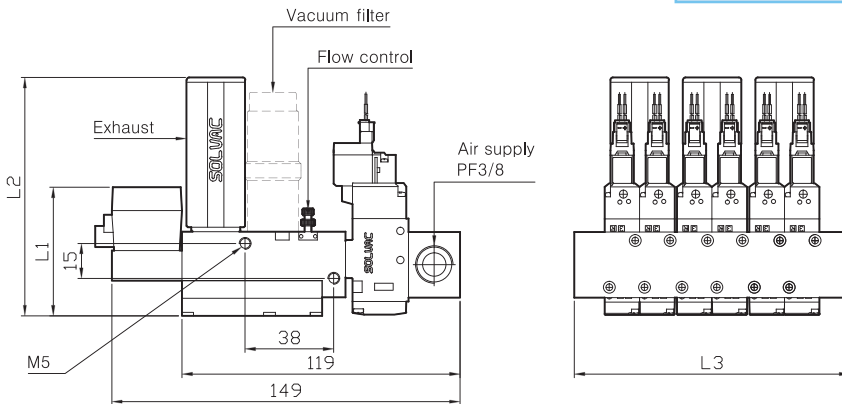


KM/KX Stack type (with sensor)



(mm)

MODEL	L1	L2	L3
(KM / KX) - 02 - C - (M4) - F2 - S	36	102	87
(KM / KX) - 02 - C - (M4) - F3 - S			118
(KM / KX) - 02 - C - (M4) - F4 - S			149
(KM / KX) - 02 - C - (M4) - F5 - S			180
(KM / KX) - 04 - C - (M4) - F2 - S	43.5	109.5	87
(KM / KX) - 04 - C - (M4) - F3 - S			118
(KM / KX) - 04 - C - (M4) - F4 - S			149
(KM / KX) - 04 - C - (M4) - F5 - S			180
(KM / KX) - 06 - C - (M4) - F2 - S	43.5	109.5	87
(KM / KX) - 06 - C - (M4) - F3 - S			118
(KM / KX) - 06 - C - (M4) - F4 - S			149
(KM / KX) - 06 - C - (M4) - F5 - S			180



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