

VACUUM PUMPS VMP-L 진공펌프



MEGA Series

VMP - L VACUUM PUMPS



Feed pressure : 0.4 MPa
 Air consumption : 108 ~ 420Nℓ/m
 Max vacuum : -91 kPa
 Noise level : 50 ~ 65 dBA
 Material : PPS, AL
 Working temperature : -20 ~ 80°C
 Weight : 643 ~ 761 g

Order no.

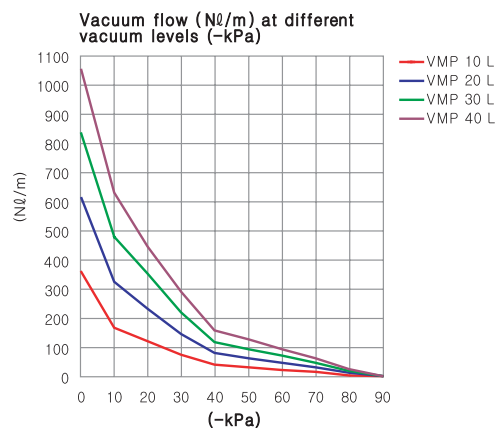
VMP ① L - ② - ③ - ④ - ⑤

① MODEL

capacity equivalent to electricity motor pump size
 10 : 365 Nℓ/m (0.25 KW)
 20 : 622 Nℓ/m (0.5 KW)
 30 : 841 Nℓ/m (0.75 KW)
 40 : 1060 Nℓ/m (1.0 KW)

② VACUUM PORT

V 12 : PF 1/2"
 V 34 : PF 3/4"
REMARK
 Air port PF 1/4" (standard)



③ SEALING

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

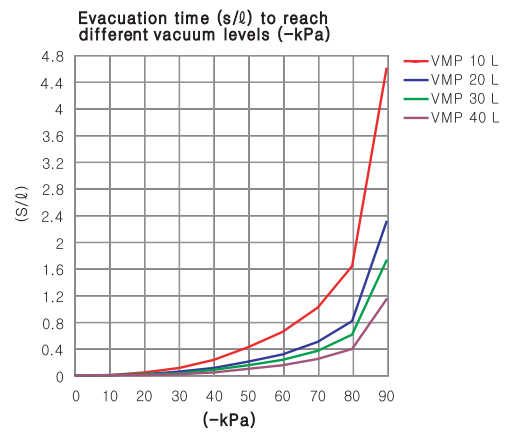
④ AIR SUPPLY CONTROL VALVE

X : NONE
 M1 : AC 110V
 M2 : AC 220V
 M4 : DC 24V
 AS : Air saving kit attach

⑤ VACUUM RELEASE CONTROL VALVE

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

REMARK
 Whenever apply to As-kit Release control Valve & Vacuum switch is not applicable



Pump Characteristics

Model	Max. vacuum -kPa (-mmHg)	Max. vacuum flow (Nℓ/ m)	Air consumption (Nℓ/ m)	noise level (dBA)	weight (g)	min hose inner ø(within 2m)		
						air supply	vacuum	exhaust
VMP 10L	-91 (-682.5)	365	108	50 ~ 60	620	>8	>12	>12
VMP 20L		622	210	50 ~ 60	622	>10	>15	>15
VMP 30L		841	318	55 ~ 65	794	>10	>19	>22
VMP 40L		1060	420	55 ~ 65	795	>10	>19	>22

Induce air in liters per minute (Nℓ/ m)

Model	-mmHg -kPa	0 (-mmHg)	75	150	225	300	375	450	525	600	675
		0 (-kPa)	10	20	30	40	50	60	70	80	90
VMP 10L		365	169	124	76	43	33	25	17	7	0.8
VMP 20L		622	327	236	149	83	65	49	33	14	1.6
VMP 30L		841	481	354	221	122	97	73	49	21	2.4
VMP 40L		1060	634	449	293	161	129	96	64	27	3.2

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

Model	-mmHg -kPa	75 (-mmHg)	150	225	300	375	450	525	600	675
		10 (-kPa)	20	30	40	50	60	70	80	90
VMP 10L		0.02	0.056	0.12	0.24	0.425	0.66	1.02	1.64	4.6
VMP 20L		0.013	0.032	0.062	0.12	0.212	0.33	0.51	0.82	2.3
VMP 30L		0.01	0.024	0.047	0.09	0.159	0.248	0.383	0.621	1.73
VMP 40L		0.007	0.016	0.031	0.06	0.106	0.165	0.255	0.41	1.15