



產品特點 Features

- ◇ 結構緊湊，體積輕巧，安裝簡便，可直接安裝在吸盤上
 - ◇ 使用多級產生器產生真空，可以提供較大真空流量
 - ◇ 由高級塑料制成，可以在大部分有害氣體中使用
 - ◇ 可選擇氟橡膠和三元乙丙橡膠做密封材料，使其能在腐蝕性環境和酸性環境下使用
 - ☆ These pumps are compact and low weight design. Because the pumps are too small they can be mounted locally to the vacuum requirement even directly onto the back of suction cups if required.
 - ☆ They use a Multi Stage Ejector principal for generating the vacuum, provide large capacity vacuum flow combined with high grade plastic, making
 - ☆ the pumps resilient to most hazardous vapours
- The pump can have seal materials options of Viton® & EPDM for corrosive and acidic applications.

技術規格 Specifications

最大真空度	Max.vacuum level	-85kPa	-85kPa
最大真空流量	Max.vacuum flow rate	220l/m	220l/m
供氣壓力	Air supply pressure	4-6bar 最大7bar	4-6bar Max.7bar
最佳供氣壓力	Air supply pressure(opt)	4.5bar	4.5bar
供氣類別	Air supply type	乾燥的壓縮空氣	Dry compressed air
工作溫度	Working temperature	-20°C to +80°C	-20°C to +80°C
噪音	Noise level	50-68dBA	50-68dBA

訂購碼 How to Order

FVM5 - B - V

① ② ③

① 型號-容量等同於電力泵尺寸 Model-Capacity equivalent to electricity motor pump size

FVM5	0.05KW
FVM10	0.10KW
FVM20	0.20KW
FVM30	0.30KW

② 供氣口，真空口，排氣口 Air Supply, Vacuum, Exhaust Port

	供氣 Air Supply	真空 Vacuum	排氣 Exhaust
A	M5-Φ6	G1/8"	內置消聲器 Internal silencer
NA	M5-Φ6	NPSF1/8"	內置消聲器 Internal silencer
B	G1/8"	G3/8"	內置消聲器 Internal silencer
BA	G1/8"	G3/8"	內置消聲器 Internal silencer 連接板-鋁 connection plate-AL
NB	NPSF1/8"	NPSF3/8"	內置消聲器 Internal silencer
NBA	NPSF1/8"	NPSF3/8"	內置消聲器 Internal silencer 連接板-鋁 connection plate-AL
C	G1/8"	G3/8"	外置消聲器 External silencer
NC	NPSF1/8"	NPSF3/8"	外置消聲器 External silencer

※ 標準真空產生器型號 Standard pump model

ABM5-A, NA, B, BA, NB, NBA, C, NC ABM10-A, NA, B, BA, NB, NBA, C, NC ABM20-B, BA, NB, NBA, C, NC ABM30-B, BA, NB, NBA, C, NC

③ 密封件 Sealing

無記號 No mark	標準(丁腈橡膠) Standard (NBR)
V	氟橡膠 VITON
E	三元乙丙橡膠 EPDM

產品參數 Technical Parameters

型號 Model	最大真空度 Max.vacuum level (-kPa)	最大真空流量 Max.vacuum flow (l/min)	空氣消耗量 Air consumption (l/min)	噪音 Noise level (dBA)	最小軟管內徑Φ(2m內) Min tube inner Φ (within 2m)		
					供氣 Air supply	真空 Vacuum	排氣 Exhaust
FVM5	(-kPa) 85	37	12-20	50-65	>2	>5	>8
FVM10		75	28-42	55-68	>2	>8	>10
FVM20		150	55-85	60-68	>4	>10	>12
FVM30		220	87-125	60-68	>6	>12	>15

※備註：型號 重量 Remarks: type weight= FVM5-A (B,BA,NBA,C,NC) :32.5g (38g,58g,58g,38g,38g)
 FVM10-A (B,BA,NBA,C,NC) : 32g (37.5g,57.5g,57.5g,37.5g,37.5g)
 FVM20-B (BA,NB,NBA,C,NC) : 50g (70g,70g,70g,50g,50g)
 FVM30-B (BA,NB,NBA,C,NC) : 62.5g (82.5g,82.5g,82.5g,62.5g,62.5g,)

不同真空度(-kPa)的真空流量(l/min) Vacuum flow(l/min)at different vacuum levels(-kPa)

型號 Model	-kPa	供氣壓力 Air supply pressure	0	10	20	30	40	50	60	70	80	最大真空度 Max.vacuum level
FVM5	-kPa	4.5bar	35	20.5	12	10.5	8.5	6.5	4.5	2.5	0.8	-85kPa
FVM10			70	40.5	25	21	18	14	9.5	5	1.3	
FVM20			141	77	45	39.5	29.5	25	17.5	12	3	
FVM30			175	105	70	63	53	40	26	14	6.5	

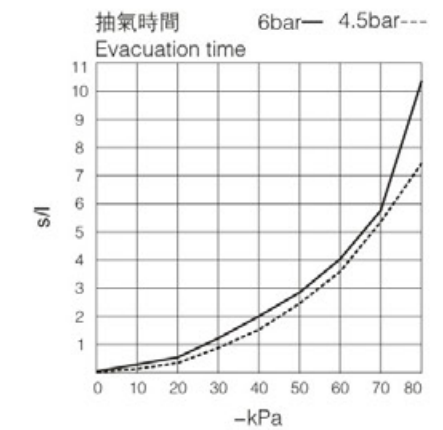
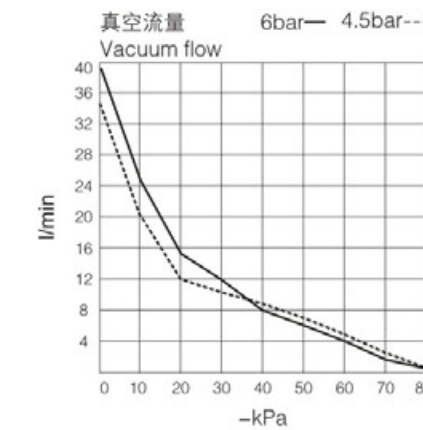
型號 Model	-kPa	供氣壓力 Air supply pressure	0	10	20	30	40	50	60	70	80	最大真空度 Max.vacuum level
FVM5	-kPa	6bar	37	25	15.5	12	8	6	4	2.7	0.6	-85kPa
FVM10			75	55	27	20	18	12	9	5	2	
FVM20			150	100	55	38	30	24	16	11	3.2	
FVM30			220	150	81	65	50	38	27	18	5	

不同真空度(-kPa)的抽氣時間(s/l) Evacuation time(s/l)to reach different vacuum levels(-kPa)

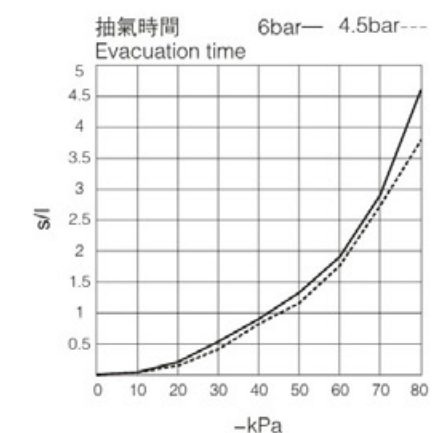
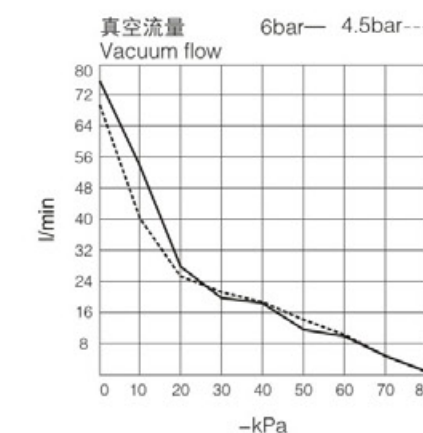
型號 Model	-kPa	供氣壓力 Air supply pressure	10	20	30	40	50	60	70	80
FVM5	-kPa	4.5bar	0.11	0.42	0.95	1.66	2.5	3.65	5.25	7.89
FVM10			0.08	0.2	0.44	0.8	1.24	1.8	2.55	3.8
FVM20			0.04	0.12	0.23	0.41	0.65	0.93	1.33	2.03
FVM30			0.03	0.09	0.16	0.27	0.43	0.66	0.95	1.43

型號 Model	-kPa	供氣壓力 Air supply pressure	10	20	30	40	50	60	70	80
FVM5	-kPa	6bar	0.13	0.51	1.15	1.93	2.87	4.09	5.84	10.46
FVM10			0.029	0.23	0.53	0.92	1.37	1.95	2.77	4.62
FVM20			0.023	0.15	0.28	0.46	0.71	1.02	1.48	2.55
FVM30			0.015	0.077	0.138	0.308	0.49	0.69	1.02	1.75

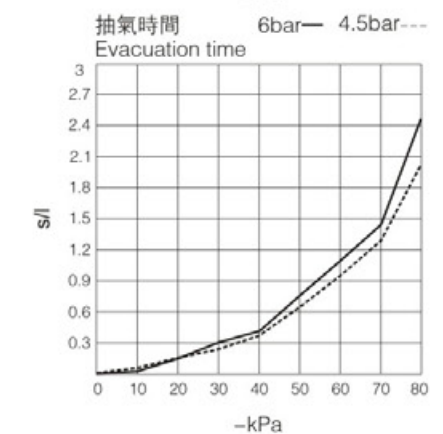
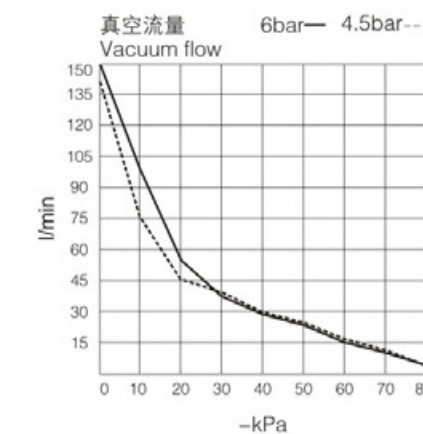
•FVM5



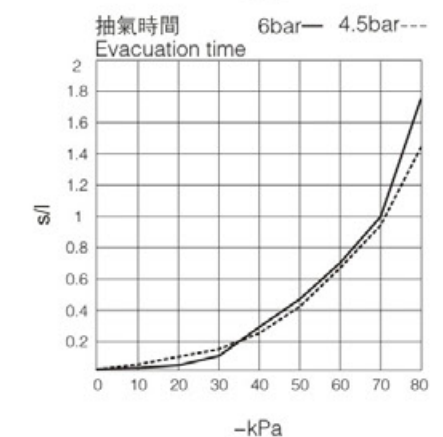
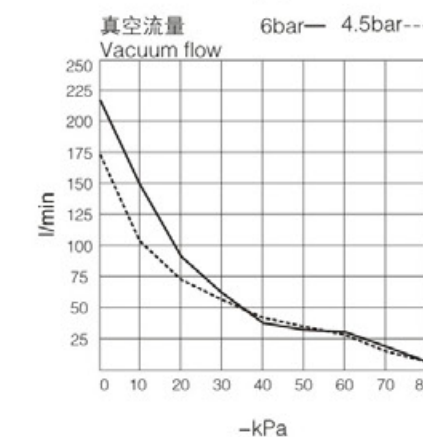
•FVM10



•FVM20



•FVM30



外形尺寸(mm) Dimensions (mm)

5
FVM(10)-A(NA)

5 B
FVM(10)-(BA)
20 NB
30 NBA

型號 Model	L(mm)
FVM5	20.5
FVM10	20.5
FVM20	27.5
FVM30	35

5
FVM(10)-C(NC)
20
30

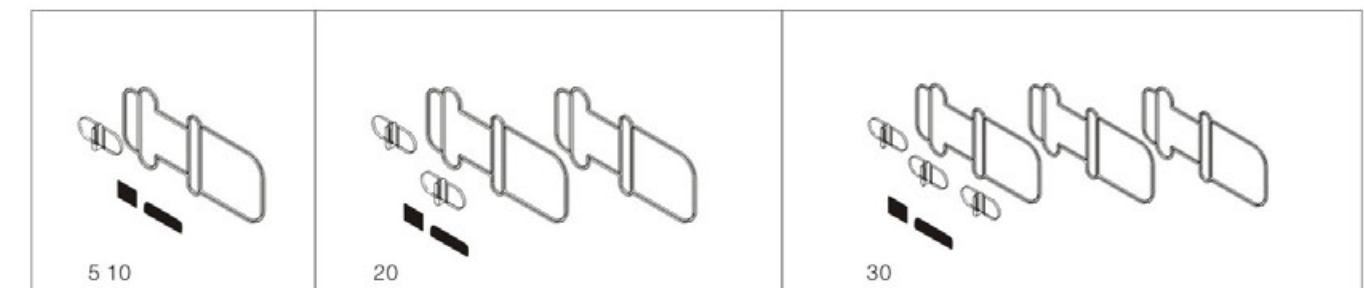
型號 Model	L(mm)
FVM5	20.5
FVM10	20.5
FVM20	27.5
FVM30	35

密封件訂購碼 How to order(Sealing elements)



規格 Specification	密封墊 Sealing gasket	閥片 Valve plate
標準 (丁腈橡膠) Standard(NBR)	02.0050.419	02.0050.421
氟橡膠 VITON	02.0050.420	02.0050.422
三元乙丙橡膠 EPDM	02.0050.465	02.0050.466

維修組件 Repair kits



型號 Model	訂購碼 Ordering Code		
	丁腈橡膠 NBR	氟橡膠 VITON	三元乙丙橡膠 EPDM
FVM5-A(B, C)	01.0005.402	01.0005.602	01.0005.802
FVM10-A(B, C)	01.0010.402	01.0010.602	01.0010.802
FVM20-B(C)	01.0020.404	01.0020.604	01.0020.804
FVM30-B(C)	01.0030.406	01.0030.606	01.0030.806