



產品特點 Features

- ◇中等真空度達到 -90 kPa Medium vacuum levels to -90 kPa
- ◇在3.4bar的情況下運行 Operates at 3.4bar
- ◇適用於多孔材料或有泄漏的場合 Good for handling porous materials or if leakage is present
- ◇節能系統(ES) Energy-Saving(ES)available
- ◇鋁連接板(AD)和聚苯硫醚複合材料連接板(D) Available with connection plate in aluminium(AD)and composite PPS(D)
- ◇提供壓縮空氣接口所需的快速接頭，直流消聲器和安裝支架 Supplies with a push-in connector for compressed air, through-flow silencer and mounting brackets

技術規格 Specifications

| | | |
|---------------------------------|-----|----------------------|
| 最大供氣壓力 Air supply pressure max | bar | 7 |
| 最佳供氣壓力 Air supply pressure(opt) | bar | 3.4 |
| 噪音 Noise level | dBA | 60-65 |
| 溫度範圍 Temperature range | °C | -20-80 |
| 重量 Weight | g | 750-1200 |
| 材料 Material | | AL, PPS, SS, PA, NBR |

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 | 重量(PPS材料) Weight(PPS materials) g | 最小軟管內徑Φ(2m以內) Min tube innerΦ(with in 2m) | | |
|----------|-----------------------------|------------------------------|-----------------------------|-----------------------------------|---|-----------|------------|
| | | | | | 供氣 Ari supply | 真空 Vacuum | 排氣 Exhaust |
| FAM25L | 92 | 420 | 116-185 | 675 | >4 | >12 | >12 |
| FAM50L | | 700 | 230-370 | 675 | >6 | >15 | >15 |
| FAM75L | | 950 | 365-610 | 837 | >8 | >19 | >22 |
| FAM100L | | 1010 | 445-720 | 837 | >8 | >19 | >22 |
| FAM125L | | 1400 | 545-780 | 1075 | >10 | >25 | >32 |
| FAM150L | | 1500 | 655-810 | 1075 | >10 | >25 | >32 |

訂購碼 How to Order

FAM25L - D - N - A - ES

| | | |
|--|--|------------------------|
| ① 型號 Model | ② 密封材料 Sealing | ③ 止回閥 Non-Return Valve |
| FAM25L FAM100L FAM50L FAM125L FAM75L FAM150L | N 丁腈橡膠 NBR E 三元乙丙橡膠 EPDM V 氟橡膠 VITON | A 有 Yes - 無 No |
| ④ 連接板 Connection Plate FAM25L-FAM100L | | |

| | 供氣口 | 真空 | 排氣 | 材料 |
|----|----------|---------|---------|-----|
| D | NPSF1/8" | G3/4" | G3/4" | PPS |
| B | NPSF1/8" | NPT3/4" | NPT3/4" | PPS |
| AD | G1/4" | G3/4" | G3/4" | 鋁 |
| E | NPT1/4" | NPT3/4" | NPT3/4" | 鋁 |

FVM125L-FVM150L

| | 供氣口 | 真空 | 排氣 | 材料 |
|----|---------|-------|-------|-----|
| D | G1/4" | G1" | G1" | PPS |
| B | NPT1/4" | NPT1" | NPT1" | PPS |
| AD | G1/4" | G1" | G1" | 鋁 |
| E | NPT1/4" | NPT1" | NPT1" | 鋁 |

⑤ 控制裝置 Control device

| | | | |
|----|--------|-----|---------------|
| PD | 電控供氣 | PVD | 電控(供氣+破壞真空)組合 |
| PQ | 氣控供氣 | PVQ | 氣控(供氣+破壞真空)組合 |
| VD | 電控破壞真空 | ES | 節能系統 |
| VQ | 氣控破壞真空 | - | 無 |

Air consumption
l/min

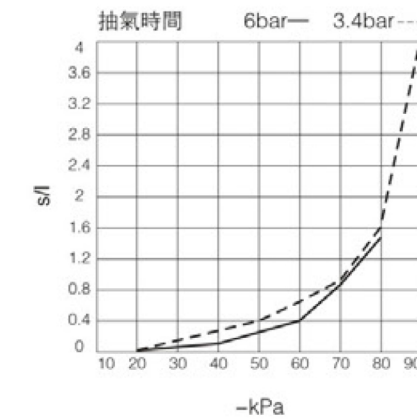
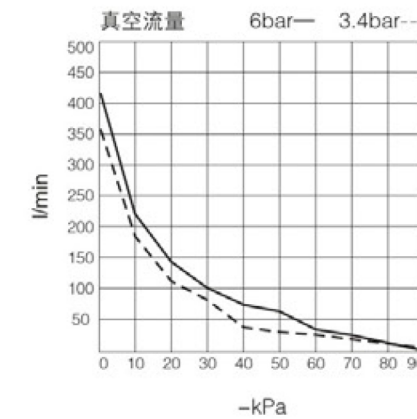
• FAM25L

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

| 供氣壓力 Air supply pressure bar | 空氣消耗量 Air consumption l/min | 不同真空度(-kPa)的真空流量(l/min) Vacuum flow (l/min) at different vacuum levels(-kPa) | | | | | | | | | | | 最大真空度 Max vacuum level -kPa |
|------------------------------|-----------------------------|--|-----|-----|-----|----|----|------|------|-----|-----|----|-----------------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| 3.4 | 116 | 360 | 180 | 115 | 80 | 43 | 30 | 22.5 | 15.5 | 7.5 | 1.2 | 92 | |
| 6 | 185 | 420 | 240 | 125 | 100 | 82 | 65 | 38 | 12.5 | 3.5 | - | 89 | |

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

| 供氣壓力 Air supply pressure bar | 空氣消耗量 Air consumption l/min | 不同真空度(-kPa)的抽氣時間(s/l) Evacuation time (s/l) to reach different vacuum levels(-kPa) | | | | | | | | | | | 最大真空度 Max vacuum level -kPa |
|------------------------------|-----------------------------|--|------|------|------|------|------|------|------|----|----|--|-----------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| 3.4 | 116 | 0.022 | 0.06 | 0.11 | 0.21 | 0.4 | 0.65 | 0.95 | 1.60 | 4 | 92 | | |
| 6 | 185 | 0.018 | 0.05 | 0.08 | 0.18 | 0.25 | 0.40 | 0.62 | 1.55 | - | 89 | | |



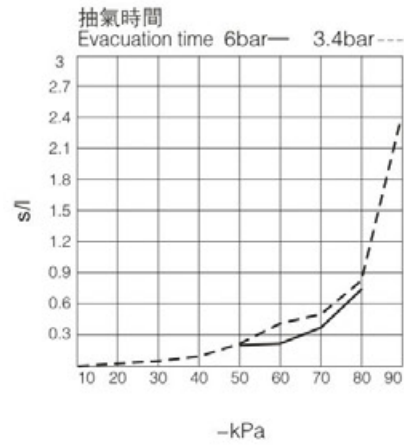
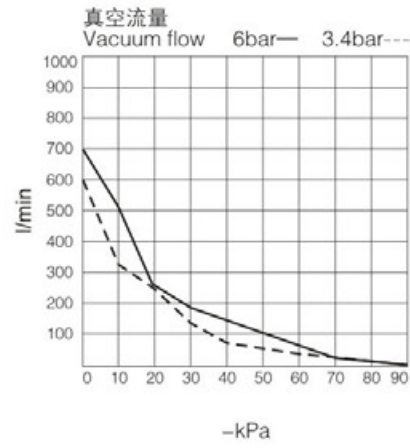
• FAM50L

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

| 供氣壓力 Air supply pressure bar | 空氣消耗量 Air consumption l/min | 不同真空度(-kPa)的真空流量(l/min) Vacuum flow (l/min) at different vacuum levels(-kPa) | | | | | | | | | | | 最大真空度 Max vacuum level -kPa |
|------------------------------|-----------------------------|--|-----|-----|-----|-----|-----|----|----|----|-----|----|-----------------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| 3.4 | 230 | 600 | 320 | 250 | 135 | 75 | 60 | 46 | 30 | 13 | 1.5 | 92 | |
| 6 | 370 | 700 | 510 | 290 | 195 | 160 | 115 | 70 | 22 | 8 | - | 89 | |

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

| 供氣壓力 Air supply pressure bar | 空氣消耗量 Air consumption l/min | 不同真空度(-kPa)的抽氣時間(s/l) Evacuation time (s/l) to reach different vacuum levels(-kPa) | | | | | | | | | | | 最大真空度 Max vacuum level -kPa |
|------------------------------|-----------------------------|--|-------|-------|------|------|------|------|------|-----|----|--|-----------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| 3.4 | 230 | 0.014 | 0.031 | 0.06 | 0.10 | 0.20 | 0.34 | 0.50 | 0.80 | 2.5 | 92 | | |
| 6 | 370 | 0.01 | 0.022 | 0.048 | 0.08 | 0.11 | 0.20 | 0.35 | 0.78 | - | 89 | | |



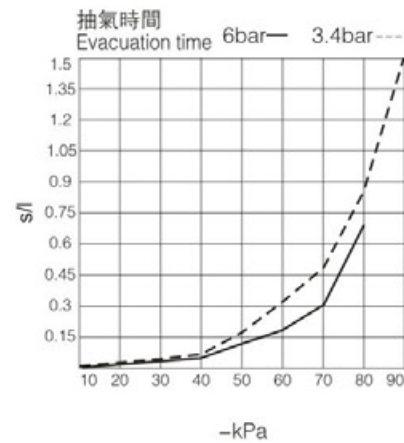
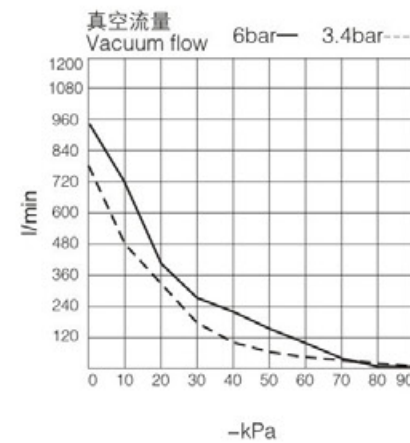
• FAM 75L

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

| 供氣壓力 Air supply pressure bar | 空氣消耗量 Air consumption l/min | 不同真空度(-kPa)的真空流量(l/min) Vacuum flow (l/min) at different vacuum levels(-kPa) | | | | | | | | | | | 最大真空度 Max vacuum level -kPa |
|------------------------------------|-----------------------------------|--|-----|-----|-----|-----|-----|-----|----|----|-----|----|-----------------------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| 3.4 | 365 | 760 | 445 | 340 | 175 | 110 | 85 | 70 | 43 | 20 | 1.8 | 92 | |
| 6 | 610 | 950 | 710 | 380 | 285 | 230 | 170 | 100 | 32 | 11 | — | 89 | |

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

| 供氣壓力 Air supply pressure bar | 空氣消耗量 Air consumption l/min | 不同真空度(-kPa)的抽氣時間(s/l) Evacuation time (s/l) to reach different vacuum levels(-kPa) | | | | | | | | | | | 最大真空度 Max vacuum level -kPa |
|------------------------------------|-----------------------------------|--|-------|-------|-------|------|------|------|------|-----|----|--|-----------------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| 3.4 | 365 | 0.012 | 0.029 | 0.058 | 0.095 | 0.18 | 0.31 | 0.46 | 0.89 | 1.5 | 92 | | |
| 6 | 610 | 0.009 | 0.019 | 0.045 | 0.075 | 0.13 | 0.18 | 0.31 | 0.70 | — | 89 | | |



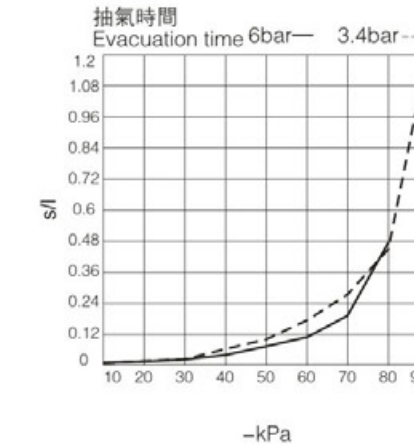
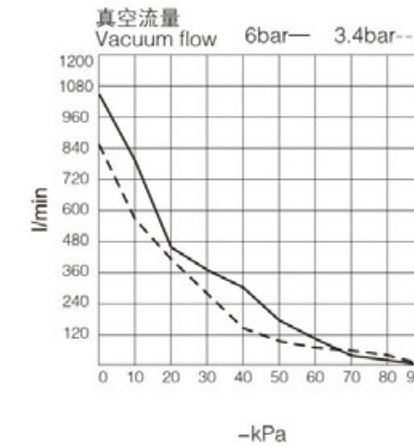
• FAM 100L

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

| 供氣壓力 Air supply pressure bar | 空氣消耗量 Air consumption l/min | 不同真空度(-kPa)的真空流量(l/min) Vacuum flow (l/min) at different vacuum levels(-kPa) | | | | | | | | | | | 最大真空度 Max vacuum level -kPa |
|------------------------------------|-----------------------------------|--|-----|-----|-----|-----|-----|-----|----|------|-----|----|-----------------------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| 3.4 | 445 | 850 | 550 | 430 | 280 | 145 | 115 | 85 | 60 | 28 | 2.2 | 92 | |
| 6 | 720 | 1010 | 800 | 460 | 385 | 310 | 215 | 125 | 42 | 15.5 | — | 89 | |

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

| 供氣壓力 Air supply pressure bar | 空氣消耗量 Air consumption l/min | 不同真空度(-kPa)的抽氣時間(s/l) Evacuation time (s/l) to reach different vacuum levels(-kPa) | | | | | | | | | | | 最大真空度 Max vacuum level -kPa |
|------------------------------------|-----------------------------------|--|-------|-------|-------|------|------|------|------|-----|----|--|-----------------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| 3.4 | 455 | 0.010 | 0.025 | 0.043 | 0.075 | 0.11 | 0.19 | 0.27 | 0.45 | 1.2 | 92 | | |
| 6 | 720 | 0.007 | 0.018 | 0.038 | 0.055 | 0.08 | 0.12 | 0.19 | 0.47 | — | 89 | | |



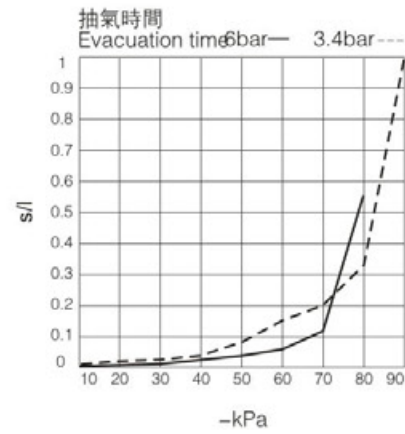
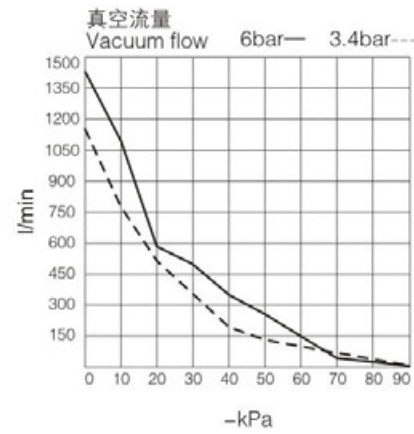
• FAM 125L

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

| 供氣壓力 Air supply pressure bar | 空氣消耗量 Air consumption l/min | 不同真空度(-kPa)的真空流量(l/min) Vacuum flow (l/min) at different vacuum levels(-kPa) | | | | | | | | | | | 最大真空度 Max vacuum level -kPa |
|------------------------------------|-----------------------------------|--|------|-----|-----|-----|-----|-----|----|------|-----|----|-----------------------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| 3.4 | 545 | 1150 | 760 | 530 | 350 | 180 | 148 | 115 | 78 | 34.5 | 3.5 | 92 | |
| 6 | 780 | 1400 | 1120 | 560 | 490 | 355 | 260 | 150 | 50 | 25 | — | 89 | |

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

| 供氣壓力 Air supply pressure bar | 空氣消耗量 Air consumption l/min | 不同真空度(-kPa)的抽氣時間(s/l) Evacuation time (s/l) to reach different vacuum levels(-kPa) | | | | | | | | | | | 最大真空度 Max vacuum level -kPa |
|------------------------------------|-----------------------------------|--|-------|-------|-------|-------|-------|-------|-------|----|----|--|-----------------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| 3.4 | 545 | 0.006 | 0.015 | 0.029 | 0.052 | 0.085 | 0.145 | 0.202 | 0.330 | 1 | 92 | | |
| 6 | 780 | 0.005 | 0.013 | 0.026 | 0.045 | 0.062 | 0.115 | 0.194 | 0.56 | — | 89 | | |



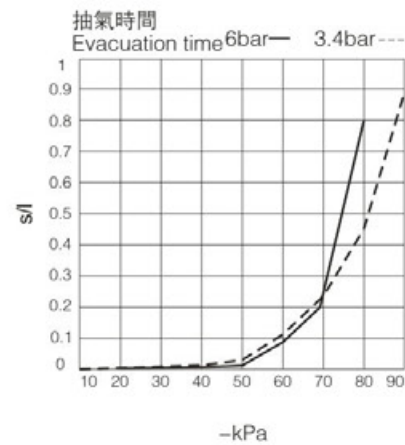
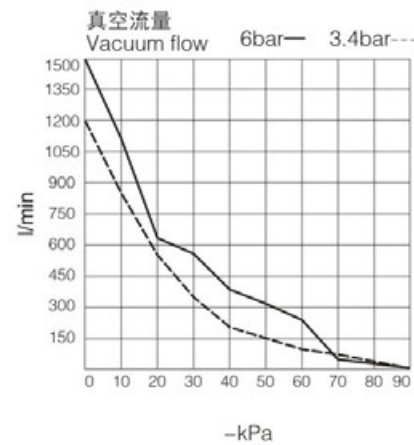
•FAM150L

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

| 供氣壓力 Air supply pressure bar | 空氣消耗量 Air consumption l/min | 不同真空度 (-kPa) 的真空流量(l/min) Vacuum flow (l/min) at different vacuum levels (-kPa) | | | | | | | | | | | 最大真空度 Max vacuum level -kPa |
|------------------------------------|-----------------------------------|---|------|-----|-----|-----|-----|-----|----|----|----|----|-----------------------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| 3.4 | 655 | 1200 | 830 | 550 | 360 | 215 | 170 | 130 | 90 | 36 | 5 | 92 | |
| 6 | 810 | 1500 | 1110 | 630 | 560 | 385 | 315 | 210 | 65 | 26 | — | 89 | |

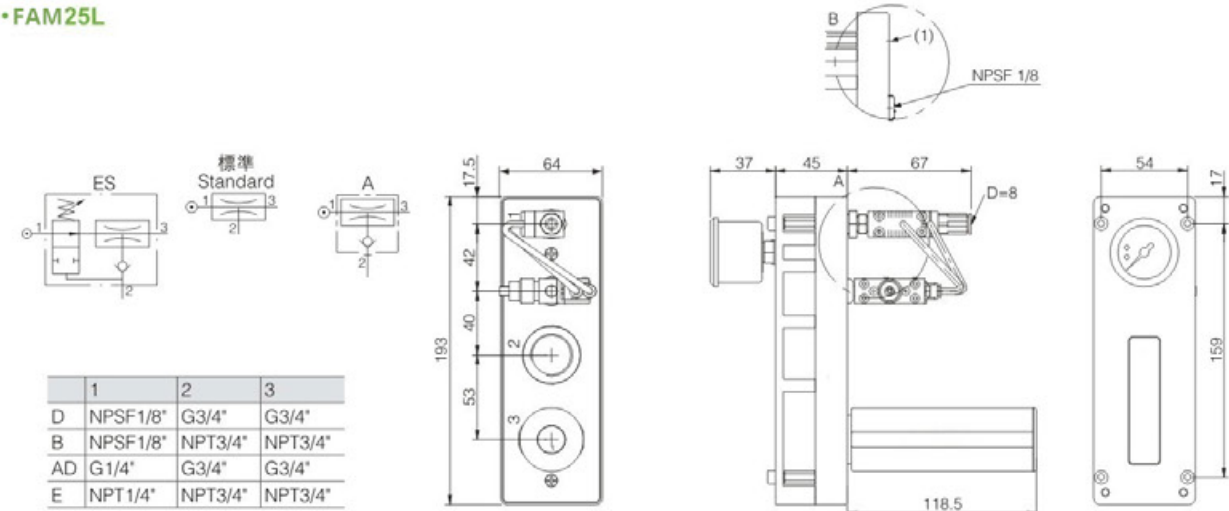
不同真空度(-kPa)的抽氣時間(s/l) Evacuation time (s/l) to reach different vacuum levels (-kPa)

| 供氣壓力 Air supply pressure bar | 空氣消耗量 Air consumption l/min | 不同真空度 (-kPa) 的抽氣時間(s/l) Evacuation time (s/l) to reach different vacuum levels (-kPa) | | | | | | | | | | | 最大真空度 Max vacuum level -kPa |
|------------------------------------|-----------------------------------|---|-------|-------|-------|-------|-------|------|------|-----|----|--|-----------------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| 3.4 | 655 | 0.005 | 0.013 | 0.027 | 0.045 | 0.070 | 0.105 | 0.23 | 0.46 | 0.9 | 92 | | |
| 6 | 810 | 0.003 | 0.009 | 0.014 | 0.030 | 0.060 | 0.095 | 0.20 | 0.8 | — | 89 | | |

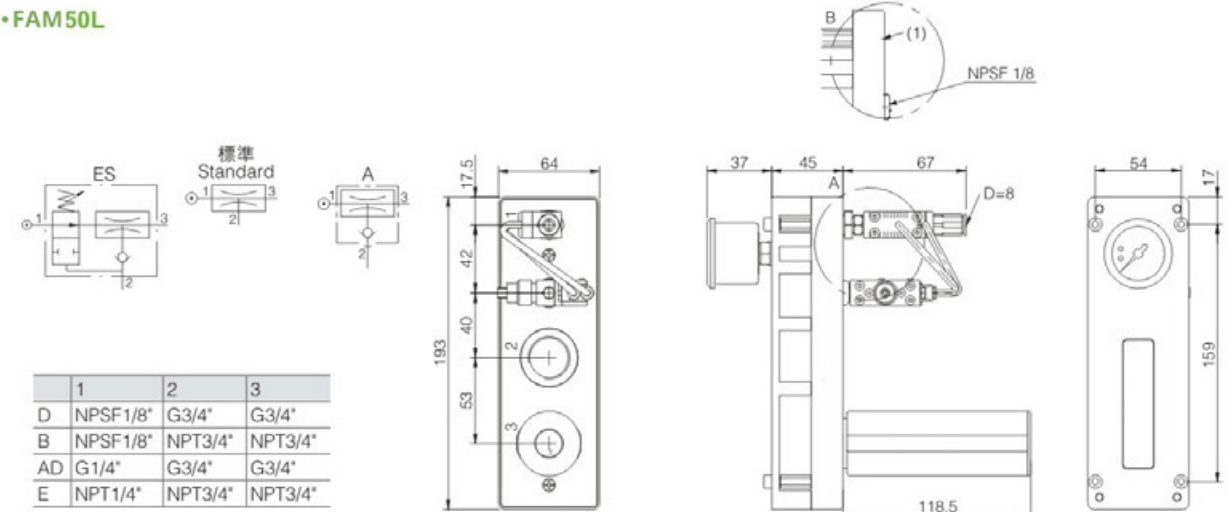


外形尺寸 (mm) Dimensions (mm)

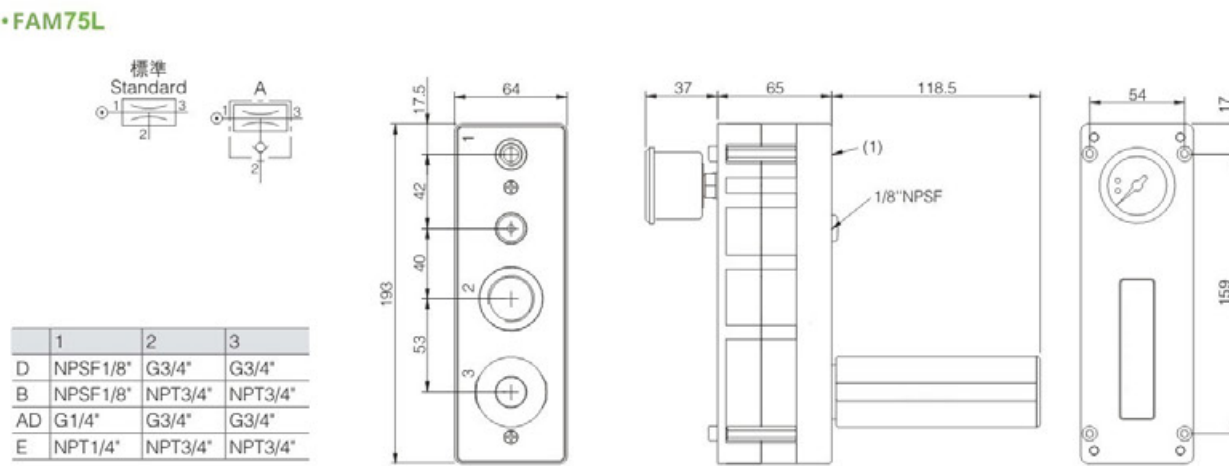
•FAM25L



•FAM50L

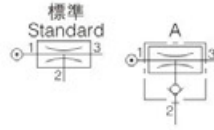


•FAM75L

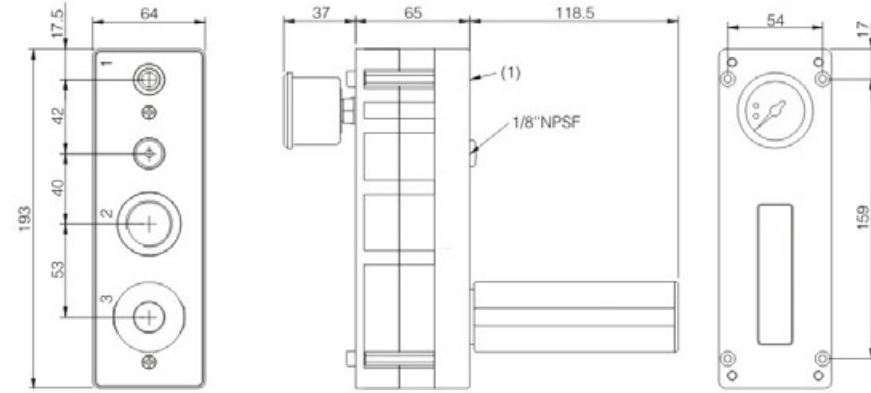


外形尺寸(mm) Dimensions (mm)

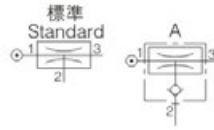
• FAM100L



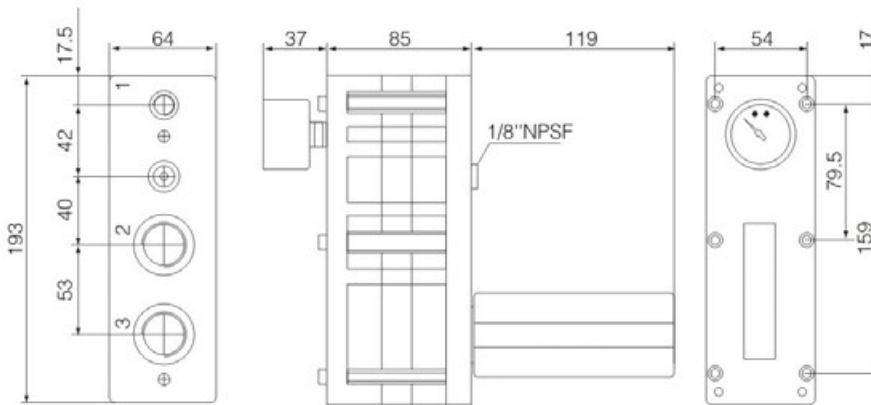
| | 1 | 2 | 3 |
|----|----------|---------|---------|
| D | NPSF1/8" | G3/4" | G3/4" |
| B | NPSF1/8" | NPT3/4" | NPT3/4" |
| AD | G1/4" | G3/4" | G3/4" |
| E | NPT1/4" | NPT3/4" | NPT3/4" |



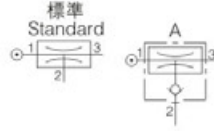
• FAM125L



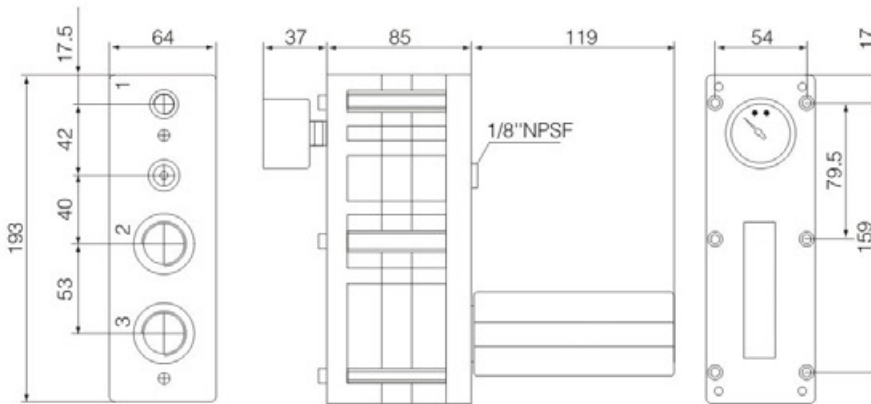
| | 1 | 2 | 3 |
|----|---------|-------|-------|
| D | G1/4" | G1" | G1" |
| B | NPT1/4" | NPT1" | NPT1" |
| AD | G1/4" | G1" | G1" |
| E | NPT1/4" | NPT1" | NPT1" |



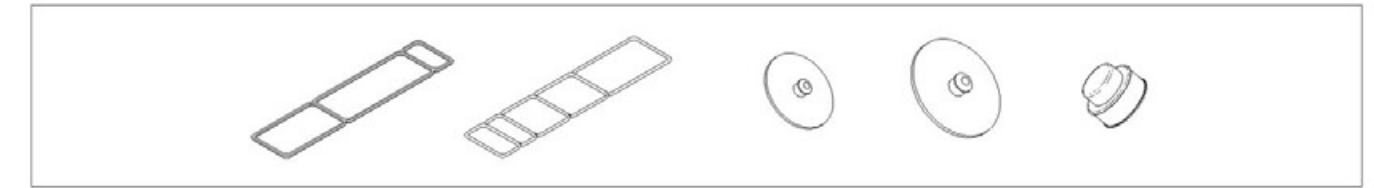
• FAM150L



| | 1 | 2 | 3 |
|----|---------|-------|-------|
| D | G1/4" | G1" | G1" |
| B | NPT1/4" | NPT1" | NPT1" |
| AD | G1/4" | G1" | G1" |
| E | NPT1/4" | NPT1" | NPT1" |



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 |
| FAM25L | 01.0025.402 | 01.0025.602 | 01.0025.802 |
| FAM50L | 01.0025.402 | 01.0025.602 | 01.0025.802 |
| FAM75L | 01.0075.404 | 01.0075.604 | 01.0075.804 |
| FAM100L | 01.0075.404 | 01.0075.604 | 01.0075.804 |
| FAM125L | 01.0125.404 | 01.0125.604 | 01.0125.804 |
| FAM150L | 01.0150.404 | 01.0150.604 | 01.0150.804 |