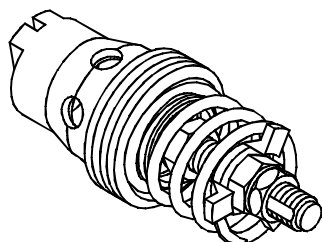


## ◆ MODEL

型 式

VAF-14 / 38 / 12 / 34



## ◆ DESCRIPTION-OPERATION

操作說明

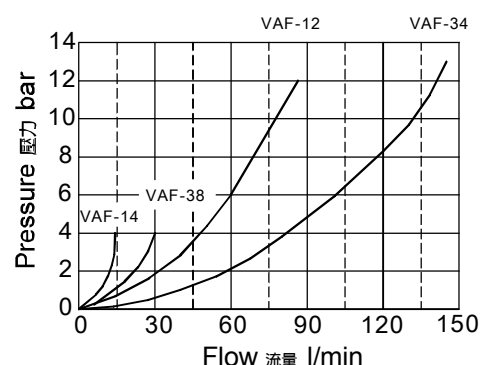
Use this valve as a pressure-compensation throttling valve of descending control, which sustains a constant descending speed of loading although the loading fluctuation might be significant; user can adjust the distance and preset the passing flow rate. On the opposite flow direction, From R to E, The valve is acting as a free flow check.

此閥應用在下降控制，當作壓力補償節流閥，可以保持負載的下降速度一定，儘管負載的重量變化相當大，可以調整距離，預先設定通過流量。在相反的流動方向（從R到E）上，閥用作一個自由流動止回閥。

## ◆ PERFORMANCE (Cartridge Only)

特性曲線

Pressure Drop 壓力降 R-E



## ◆ SPECIFICATIONS 規格

| Model Number 型式號碼             | Maximum Pressure 最大壓力 bar | Maximum Flow 最大流量 lpm        | Weight 重量 Kg      |
|-------------------------------|---------------------------|------------------------------|-------------------|
| VAF-14                        | 315 ( 4569 psi)           | 10 ( 2.64 gpm)               | 0.012 (0.026 lbs) |
| VAF-38                        | 315 ( 4569 psi)           | 25 ( 6.60 gpm)               | 0.023 (0.051 lbs) |
| VAF-12                        | 315 ( 4569 psi)           | 67 ( 17.70 gpm)              | 0.037 (0.082 lbs) |
| VAF-34                        | 315 ( 4569 psi)           | 150 ( 39.63 gpm)             | 0.072 (0.159 lbs) |
| Fluid Type 流體型式               |                           | ISO VG 32 , 46 , 68          |                   |
| Viscosity 黏性 cSt              |                           | 10~400 (59~1854 SSU)         |                   |
| Operating Temperature 操作溫度 °C |                           | -30~100 (-22~212°F)          |                   |
| Contamination Level 污染標準      |                           | ISO4406. 20/18/15 NAS1638. 9 |                   |

## ◆ HOW TO ORDER 編號說明

|     |    |    |
|-----|----|----|
| 1   | 2  | 3  |
| VAF | 14 | 02 |

## 1 VALVE SERIES 系列名稱

VAF= Pressure Compensated Throttle Valves  
壓力補償節流閥

## 2 SUBPLATE MOUNTING SIZE

稱呼口徑

14 = G1/4"

38 = G 3/8"

12 = G1/2"

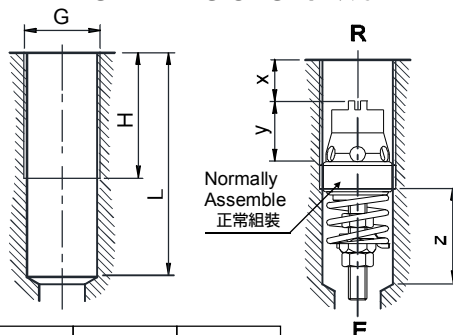
34 = G3/4"

## 3 REGULATED FLOW RANGE

流量調整範圍

| SPECIFICATIONS 規格 | REGULATED FLOW RANGE 流量調整範圍 |         |       |         |
|-------------------|-----------------------------|---------|-------|---------|
|                   | E ▷ R L/min                 |         |       |         |
|                   | 14                          | 38      | 12    | 34      |
| 01                |                             | 2.5~4.0 | 16~21 | 37~50   |
| 02                | 1~1.6                       | 4.0~6.3 | 21~28 | 50~67   |
| 03                | 1.6~2.5                     | 6.3~10  | 28~37 | 67~90   |
| 04                | 2.5~4.0                     | 10~16   | 37~50 | 90~120  |
| 05                | 4.0~6.3                     | 16~25   | 50~67 | 120~150 |
| 06                | 6.3~10                      |         |       |         |

## ◆ CAVITIES DIMENSIONS 孔口尺寸



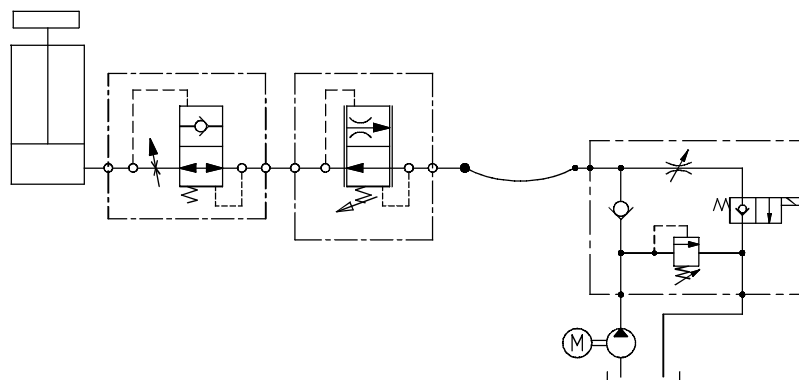
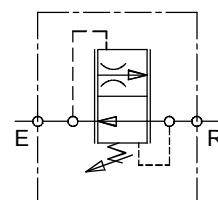
| Type | G     | H         | L         |
|------|-------|-----------|-----------|
| G14  | G1/4" | 34(1.34") | 57(2.24") |
| G38  | G3/8" | 36(1.42") | 59(2.32") |
| G12  | G1/2" | 41(1.61") | 68(2.68") |
| G34  | G3/4" | 51(2.01") | 82(3.23") |

\*Dimension x must be greater than the space required for pipe fitting installation.  
x 尺寸須大於管接頭裝入所需空間。

\*When installed in reverse, dimension Z shall be greater than dimension y.  
當反向安裝時，尺寸 z 須大於 y。

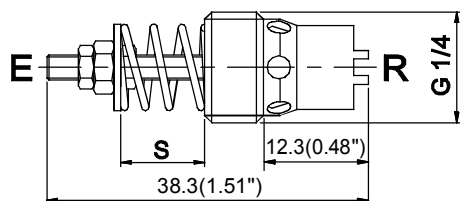
## ◆ CONTROL PORT(S)

動作形式

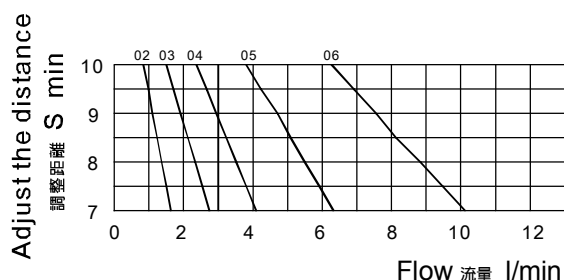


### ◆ DIMENSIONS 外型尺寸圖

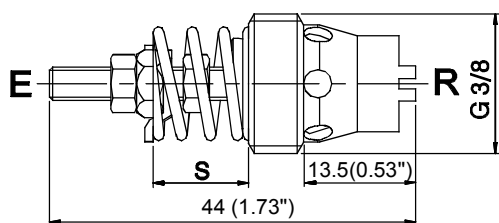
#### VAF-14



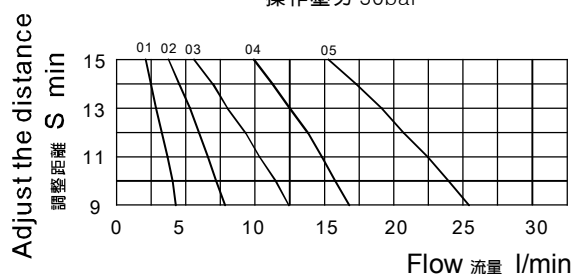
OPERATING PRESSURE 50 bar  
操作壓力 50bar



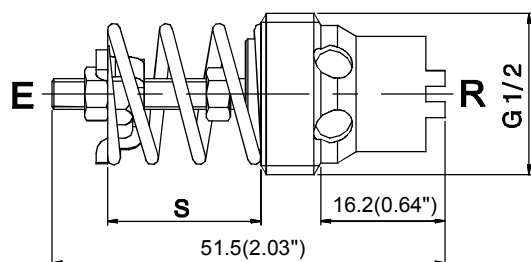
#### VAF-38



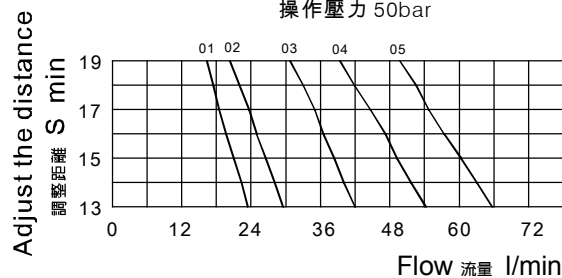
OPERATING PRESSURE 50 bar  
操作壓力 50bar



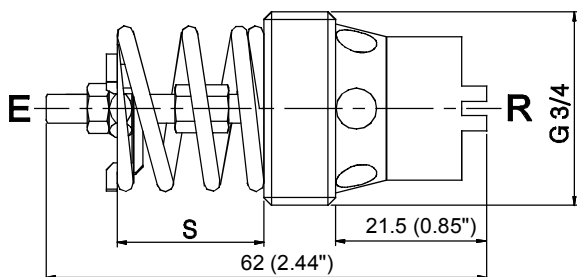
#### VAF-12



OPERATING PRESSURE 50 bar  
操作壓力 50bar



#### VAF-34



OPERATING PRESSURE 50 bar  
操作壓力 50bar

