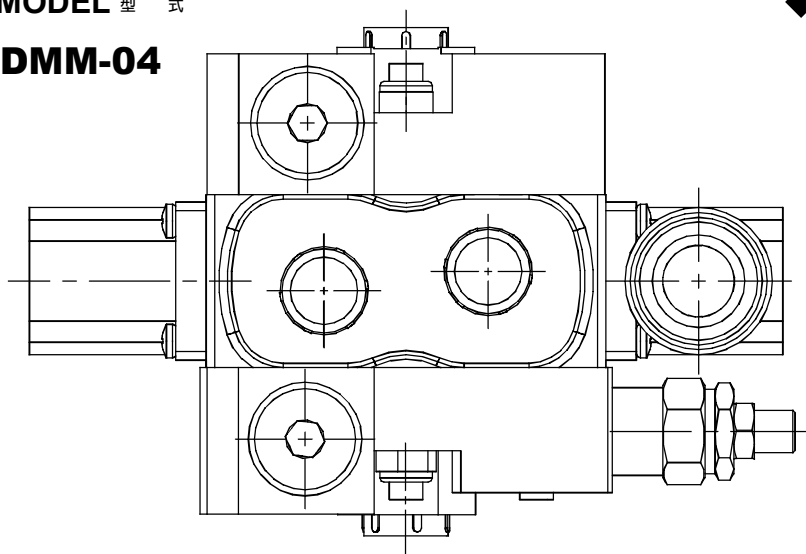


# STACK VALVE

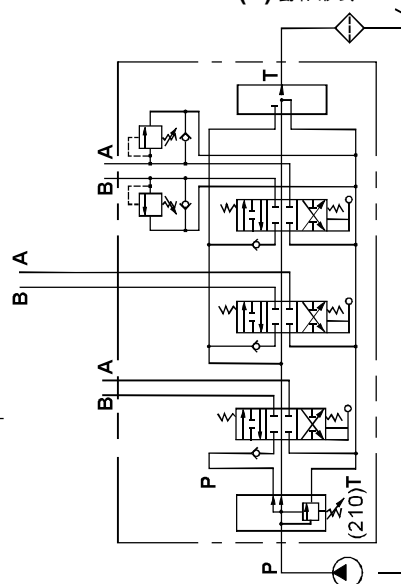
## DMM SERIES 多路換向閥系列

### ◆ MODEL 型 式

#### DMM-04



### ◆ CONTROL PORT(S) 動作形式



### ◆ 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 |
|-------------------------------|---------------------------|------------------------------|--------------|
| DMM-03-**-**                  | 350 (5075 psi)            | 45 (11.9gpm)                 | *            |
| DMM-04-**-**                  | 350 (5075 psi)            | 70 (18.5gpm)                 | *            |
| DMM-06-**-**                  | 350 (5075 psi)            | 140 (35.28gpm)               | *            |
| 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 |                           | -15~70 (-5~158°F)            |              |
| Contamination Level 污染標準      |                           | ISO4406. 21/19/16 NAS1638,10 |              |

- Pressure regulation valve, set Max. pressure 210 bar when finish goods.  
出廠壓力調節閥標準設定最大壓力210bar

※Need to establish the pressure when 350bar, please tell in advance  
※The relief valves please refer to the VRV-03, VNE-60 series  
※如需設定壓力為350bar需先告知 調壓閥請參考VRV-03, VNE-60系列

### ◆ HOW TO ORDER 編號說明

| 1   | 2  | 3 | 4 | 5  | 6  | 7  | 8 | 9  | 10 |
|-----|----|---|---|----|----|----|---|----|----|
| DMM | 04 | C | 2 | 1N | F* | B* | V | I* | U* |

#### 1 VALVE SERIES 系列名稱

DMM = Stack Valve (sectional)  
多路換向閥(片式)

#### 2 SUBPLATE MOUNTING SIZE 稱呼口徑

03 = G3/8" 04 = G1/2" 06 = G3/4"

#### 3 MODEL 型式

C: SPRING TYPE 彈簧式  
D: Steel Ball Positioning 鋼珠定位

#### 4 SPOOL TYPES 滑柱型式

See Page 037  
見頁面037

#### 5 NUMBER OF VALVE BLOCKS 連數

1N~7N = 1~7 BLOCKS

#### 6 CONTROL PORT 控制端(前蓋)

F\* : Control Type 控制型式 None : Standard Type  
See Page 042-043 無:標準型式  
見頁面042-043

#### 7 POSITIONING PORT 定位端(後蓋)

B\*: Positioning Type 定位型式  
See Page 044-045 見頁面044-045  
None : Standard Type 無:標準型式

#### 8 BUILT-IN CARTRIDGE VALVES 嵌入的插式閥

See Page 040-041  
見頁面040-041

#### 9 INLET SECTION 入油測

See Page 038  
見頁面038

#### 10 OUTLET SECTION 出油測

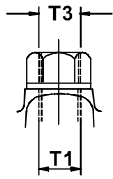
See Page 039 見頁面039

※The product needs the counter assembly please first to inform the factory, the counter assembly code number is "L"  
※產品需逆組裝請先告知工廠，逆組裝代號為"L"。

### ◆ DIMENSIONS 外型尺寸圖

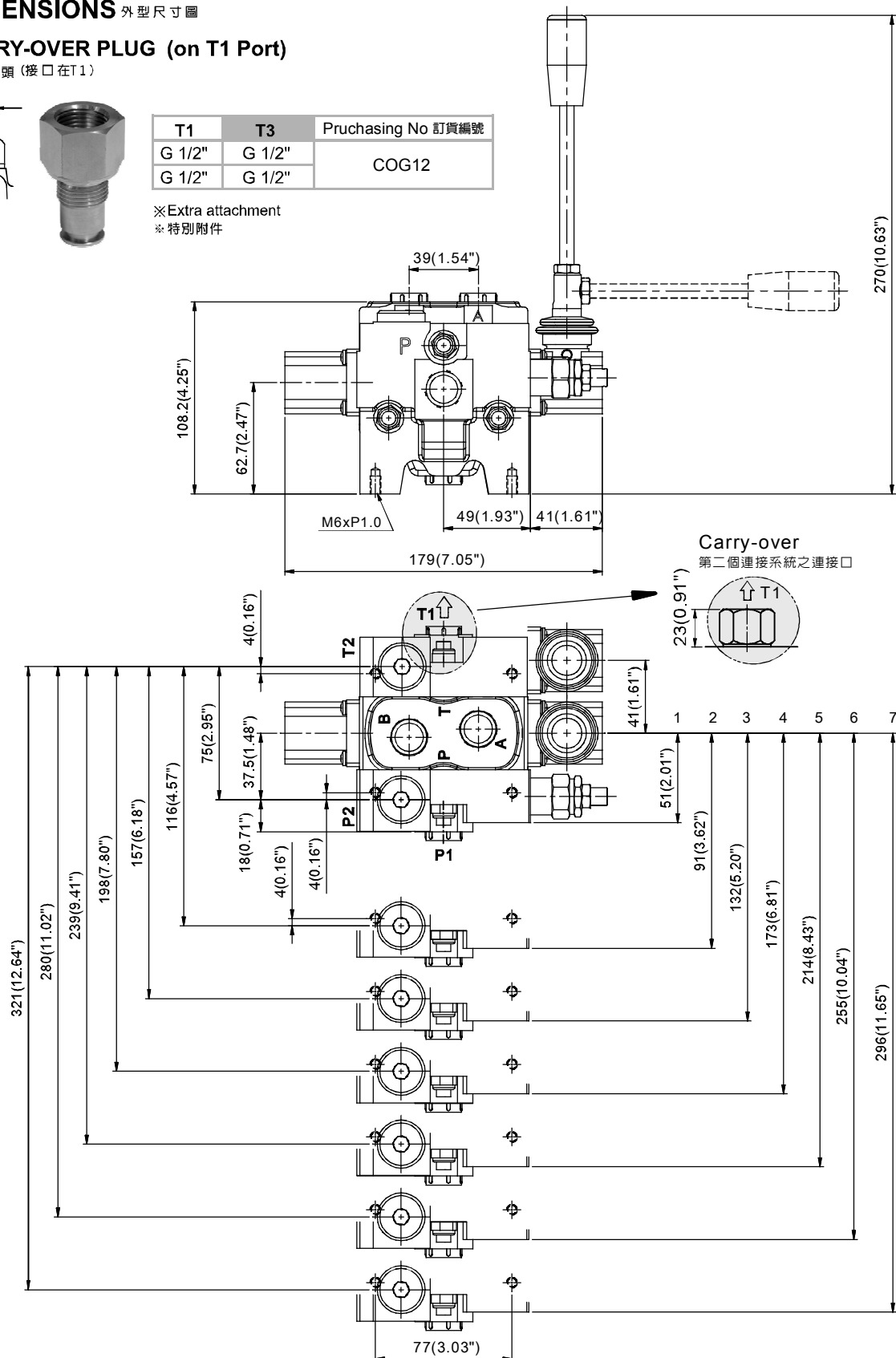
#### ● CARRY-OVER PLUG (on T1 Port)

轉接插頭 (接口在T1)



| T1     | T3     | Pruchasing No 訂貨編號 |
|--------|--------|--------------------|
| G 1/2" | G 1/2" | COG12              |
| G 1/2" | G 1/2" |                    |

※Extra attachment  
※特別附件



### ◆ AVAILABLE THREADS 適用螺紋

| PORTS 閥口     | P1     | P2     | A-B    | T1     | T2     |
|--------------|--------|--------|--------|--------|--------|
| DMM-03-**-** | G 1/2" | G 1/2" | G 3/8" | G 1/2" | G 1/2" |
| DMM-04-**-** | G 1/2" | G 1/2" | G 1/2" | G 1/2" | G 1/2" |

# STACK VALVE

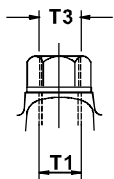
## DMM SERIES 多路換向閥系列

### ◆ DIMENSIONS 外型尺寸圖

### DMM-06

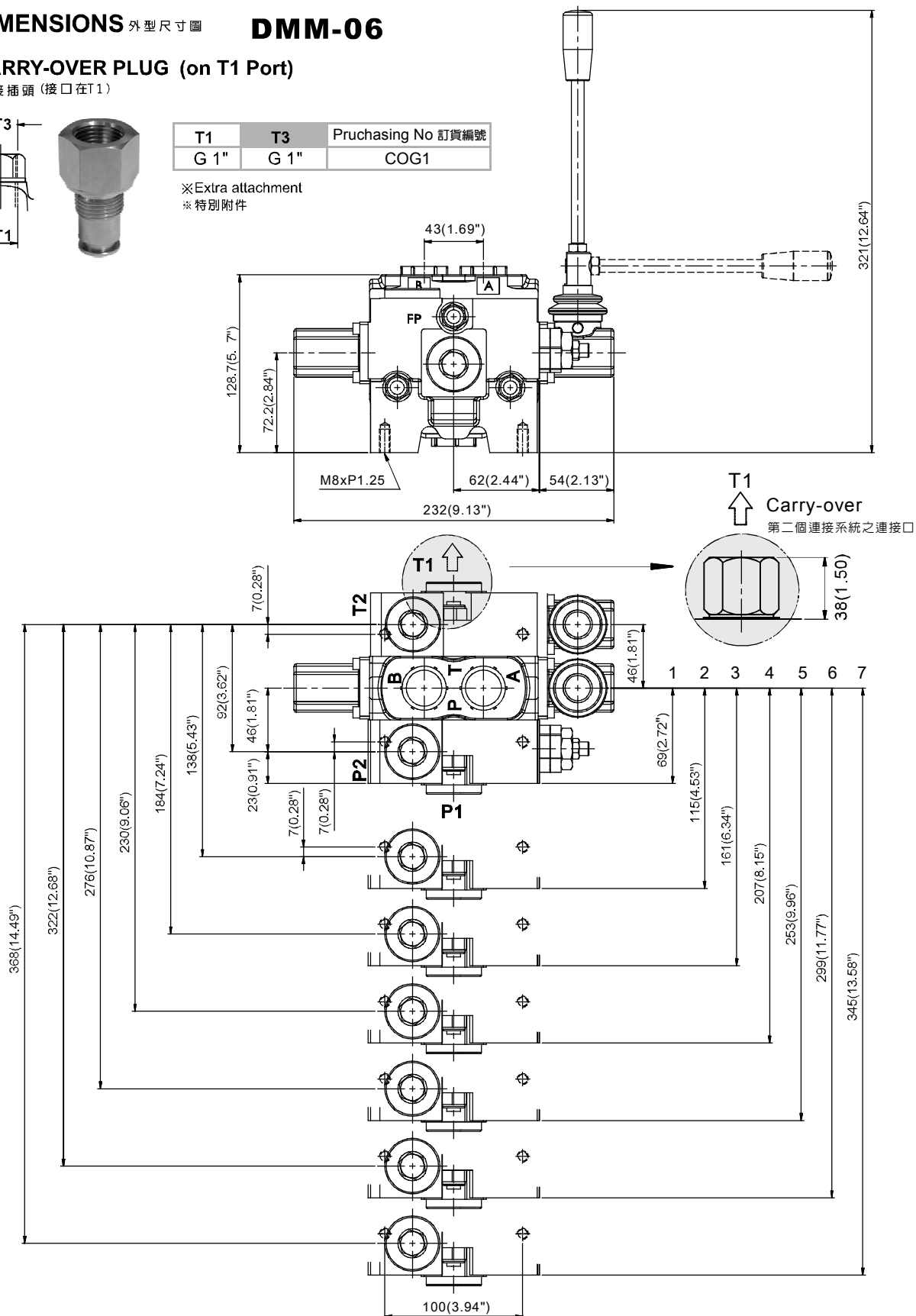
#### ● CARRY-OVER PLUG (on T1 Port)

轉接插頭 (接口在T1)



| T1   | T3   | Pruchasing No 訂貨編號 |
|------|------|--------------------|
| G 1" | G 1" | COG1               |

※Extra attachment  
※特別附件

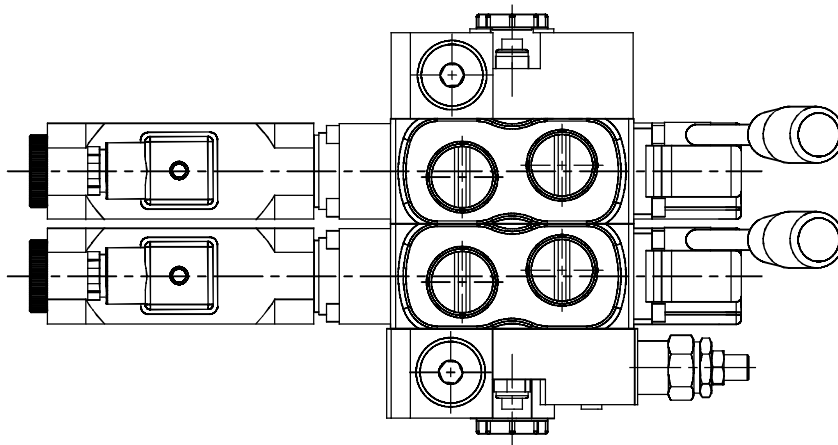


### ◆ AVAILABLE THREADS 適用螺紋

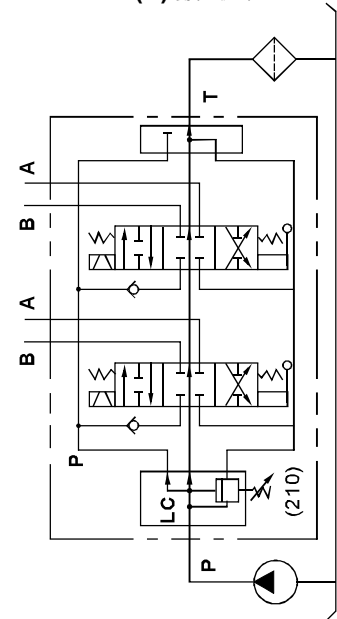
| PORTS 閥口   | P1   | P2   | A-B    | T1   | T2   |
|------------|------|------|--------|------|------|
| DMM-06-*** | G 1" | G 1" | G 3/4" | G 1" | G 1" |

### ◆ MODEL 型 式

#### DMS-04



### ◆ CONTROL PORT(S) 動作形式



### ◆ 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 |
|-------------------------------|---------------------------|------------------------------|--------------|
| DMS-03-**-**                  | 350 (5075 psi)            | 45 (11.9gpm)                 | *            |
| DMS-04-**-**                  | 350 (5075 psi)            | 70 (18.5gpm)                 | *            |
| DMS-06-**-**                  | 350 (5075 psi)            | 140 (35.28gpm)               | *            |
| 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 |                           | -15~70 (-5~158 °F)           |              |
| Contamination Level 污染標準      |                           | ISO4406, 21/19/16 NAS1638,10 |              |

● Pressure regulation valve, set Max. pressure 210 bar when finish goods.  
出廠壓力調節閥標準設定最大壓力210bar

※Need to establish the pressure when 350bar, please tell in advance

※The relief valves please refer to the VRV-03 series

※如需設定壓力為350bar需先告知 ※調壓閥請參考VRV-03系列

### ◆ HOW TO ORDER 編號說明

| 1   | 2  | 3  | 4  | 5  | 6  | 7  |
|-----|----|----|----|----|----|----|
| DMS | 04 | C2 | 1N | I* | U* | ** |

#### 1 VALVE SERIES 系列名稱

DMS = Solenoid Stack Valve (sectional)  
電磁式多路換向閥(片式)

#### 5 INLET SECTION 入油側

See Page 038  
見頁面038

#### 2 SUBPLATE MOUNTING SIZE 稱呼口徑

03 = G3/8" 04 = G1/2" 06 = G3/4"

#### 6 OUTLET SECTION 出油側

See Page 039  
見頁面039

#### 3 SPOOL TYPES 滑柱型式

See Page 037  
見頁面037

#### 7 COIL TYPES 電磁線圈類型

D1: DC12V D2: DC24V

#### 4 NUMBER OF VALVE BLOCKS 連數

1N~7N = 1~7 BLOCKS

※The product needs the counter assembly please first to inform the factory, the counter assembly code number is "L"

※產品需逆組裝請先告知工廠，逆組裝代號為"L"。

# STACK VALVE

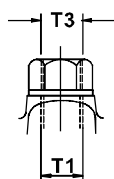
## DMS SERIES

多路換向閥系列

### ◆ DIMENSIONS 外型尺寸圖

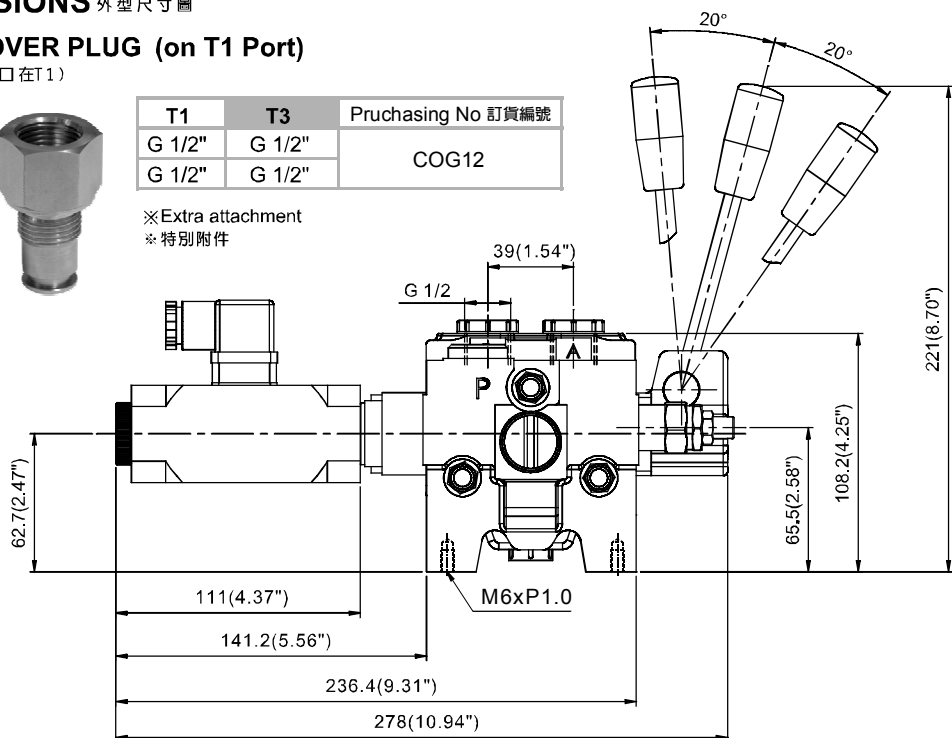
#### ● CARRY-OVER PLUG (on T1 Port)

轉接插頭 (接口在T1)



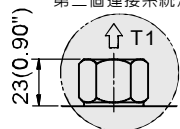
| T1     | T3     | Purchasing No 訂貨編號 |
|--------|--------|--------------------|
| G 1/2" | G 1/2" | COG12              |
| G 1/2" | G 1/2" |                    |

※Extra attachment  
※特別附件

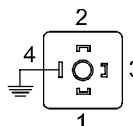


#### Carry-over

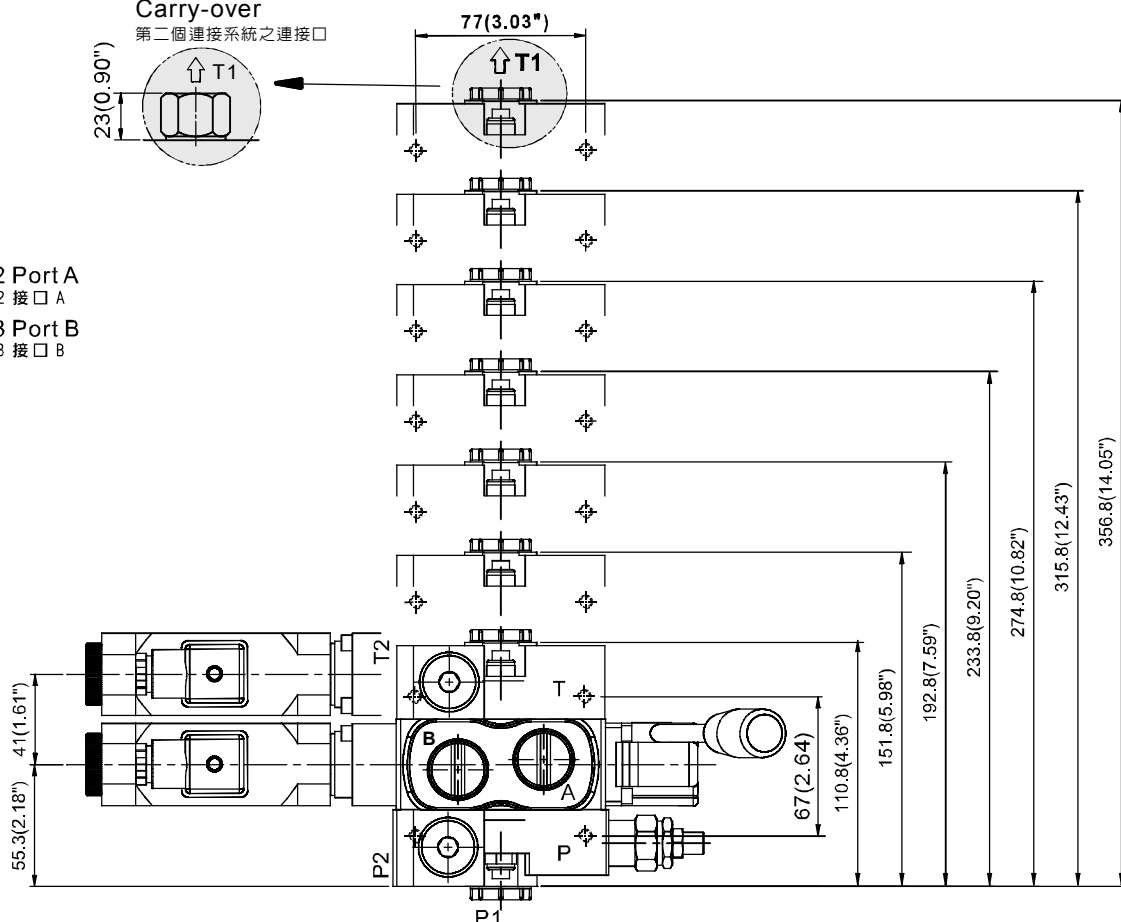
第二個連接系統之連接口



#### ● CODE 編碼



1-2 Port A  
1-2 接口 A  
1-3 Port B  
1-3 接口 B



### ◆ AVAILABLE THREADS 適用螺紋

| PORTS 閥口     | P1     | P2     | A-B    | T1     | T2     |
|--------------|--------|--------|--------|--------|--------|
| DMS-03-**-** | G 1/2" | G 1/2" | G 3/8" | G 1/2" | G 1/2" |
| DMS-04-**-** | G 1/2" | G 1/2" | G 1/2" | G 1/2" | G 1/2" |

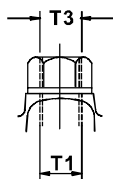
# STACK VALVE

## DMS SERIES 多路換向閥系列

### ◆ DIMENSIONS 外型尺寸圖 DMS-06

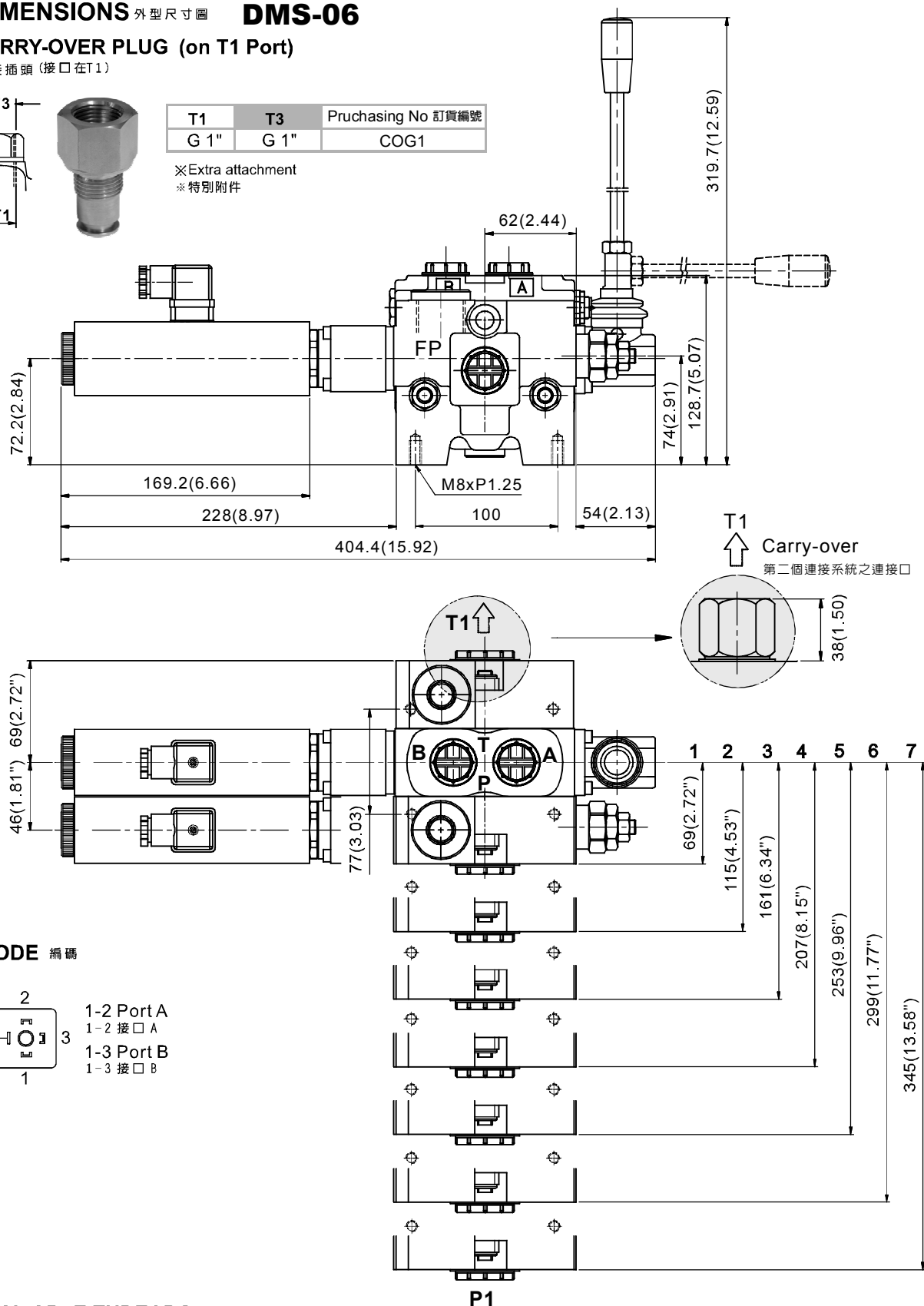
#### ● CARRY-OVER PLUG (on T1 Port)

轉接插頭 (接口在T1)

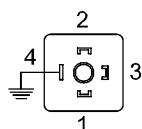


| T1   | T3   | Purchasing No 訂貨編號 |
|------|------|--------------------|
| G 1" | G 1" | COG1               |

※Extra attachment  
※特別附件



#### ● CODE 編碼



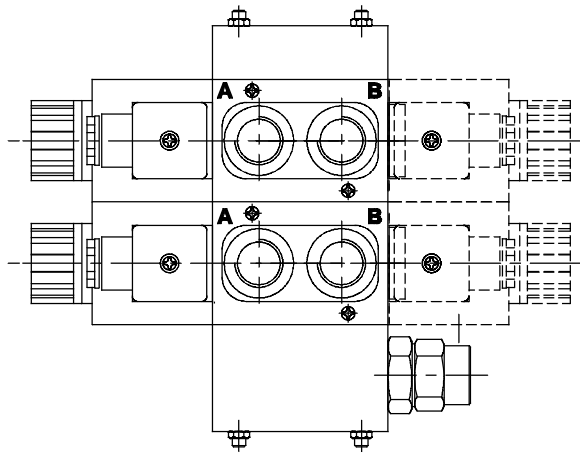
1-2 Port A  
1-2 接口 A  
1-3 Port B  
1-3 接口 B

### ◆ AVAILABLE THREADS 適用螺紋

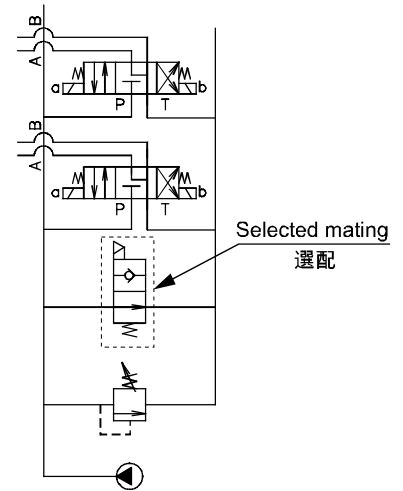
| PORTS 閥口     | P1   | P2   | A-B    | T1   | T2   |
|--------------|------|------|--------|------|------|
| DMS-06-**-** | G 1" | G 1" | G 3/4" | G 1" | G 1" |

### MODEL 型 式

## DMW-02T



### CONTROL PORT(S) 動作形式



### SPECIFICATIONS 規 格

| Model Number<br>型式號碼          | Maximum Pressure<br>最大壓力 bar | Maximum Flow<br>最大流量 lpm     | Weight<br>重量 Kg |
|-------------------------------|------------------------------|------------------------------|-----------------|
| DMW-02T                       | 250 (3625 psi)               | 70 (18.5 gpm)                | *               |
| 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 |                              | -15~70 (-5~158 °F)           |                 |
| Contamination Level 污染標準      |                              | ISO4406. 21/19/16 NAS1638,10 |                 |

- Pressure regulation valve, set Max. pressure 210 bar when finish goods.  
出廠壓力調節閥標準設定最大壓力210bar

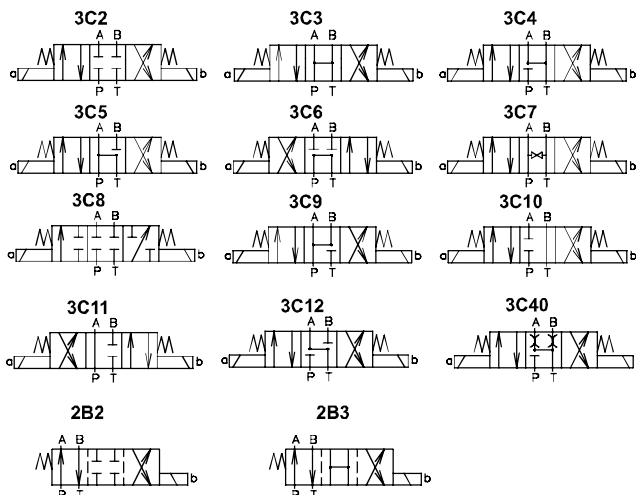
### HOW TO ORDER 編號說明

| 1   | 2   | 3  | 4 | 5  | 6 | 7  | 8  |
|-----|-----|----|---|----|---|----|----|
| DMW | *** | 02 | T | ** | * | 1N | S1 |

#### 1 VALVE SERIES 系列名稱

DMW = Solenoid Stack Valve(sectional)  
電磁式多路換向閥(片式)

#### 2 SPOOL TYPES 滑柱型式



#### 3 SUBPLATE MOUNTING SIZE 稱呼口徑

02=1/4"(6mm) ISO CETOP3  
DIN NG 6 NFPA D03

#### 4 CONNECTING TYPE 連接型式

T:TYPE:THREADING TYPE (螺紋連接)

#### 5 TYPE OF COIL 電磁閥電磁線圈類型

A1 : AC110 60HZ D1 : DC12  
A115 : AC115 50HZ D2 : DC24  
A230 : AC230 50HZ  
A2 : AC220 60HZ

#### 6 WIRING TYPE 接線型式

Non:WIRING BOX TYPE(DIN) X : DOUBLE LEAD  
無:接線盒式(DIN) 雙接線方式

#### 7 NUMBER OF VALVE BLOCKS 連數

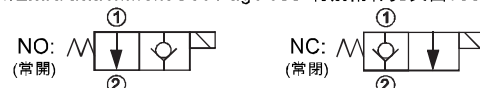
1N~7N = 1~7 BLOCKS

#### 8 INLET SECTION WITH RELIEF VALVES

AND RELEASE VALVE (SELECTED MATING) 入油側釋壓閥(選配)

S1:DC12V S2:DC24V  
S3:RAC110V S4:RAC220V

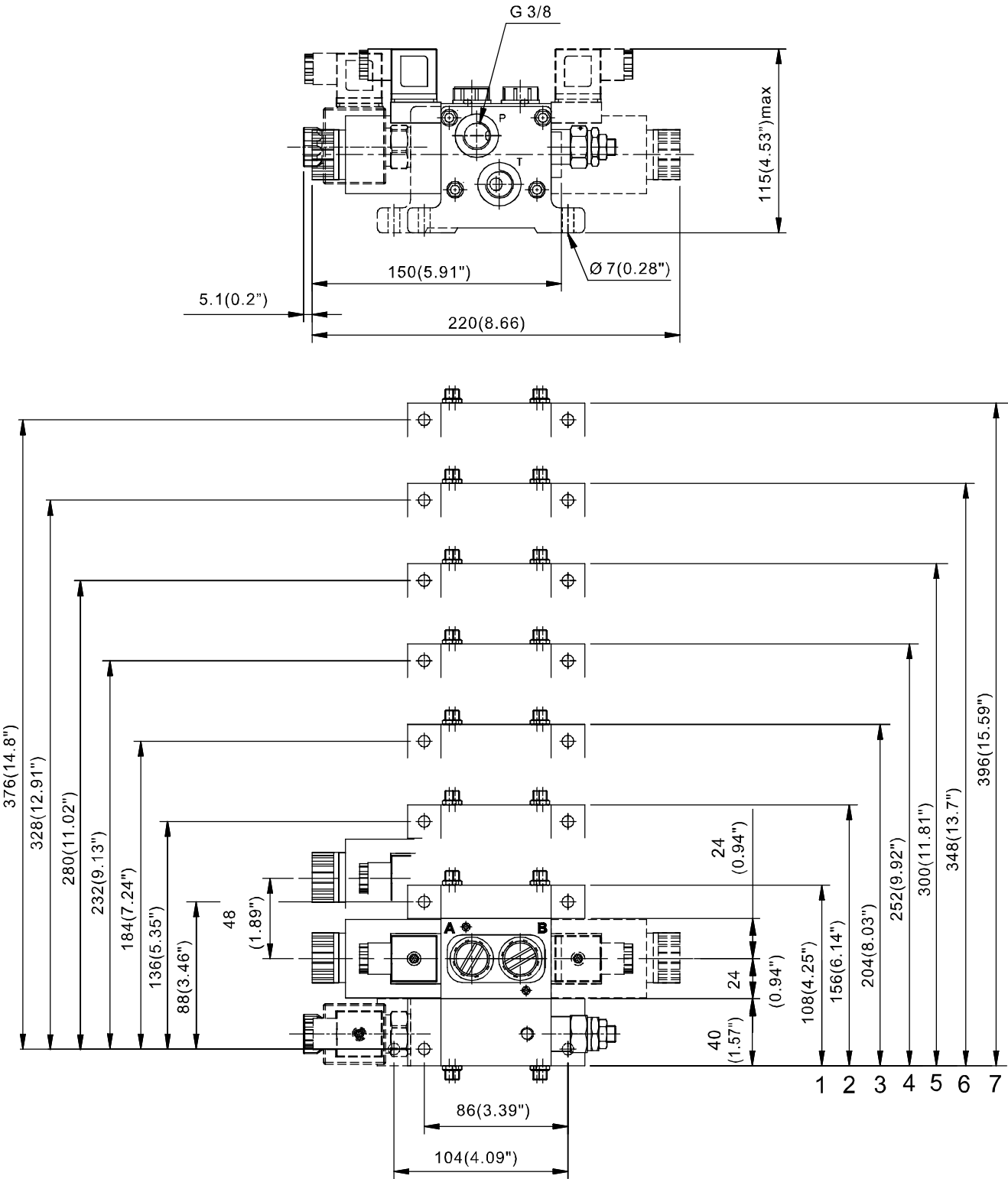
※Extra attachment See Page 038 特別附件見頁面038



# STACK VALVE

## DMW SERIES 多路換向閥系列

### ◆ DIMENSIONS 外型尺寸圖

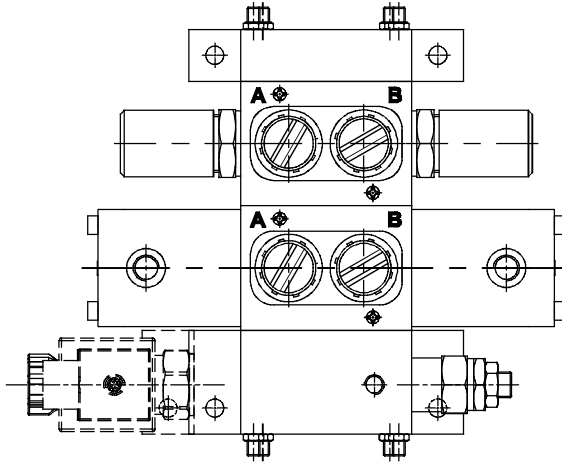


### ◆ AVAILABLE THREADS 適用螺紋

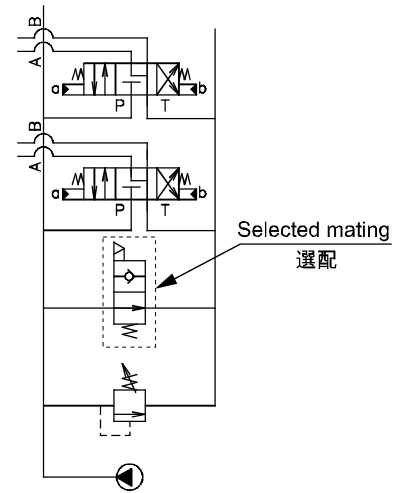
| PORTS 閥口      | P      | A-B    | T      |
|---------------|--------|--------|--------|
| DMW-02T-**-** | G 3/8" | G 3/8" | G 3/8" |

### ◆ MODEL 型 式

#### DSW-02T



### ◆ CONTROL PORT(S) 動作形式



### ◆ SPECIFICATIONS 規 格

| Model Number<br>型 式 號 碼       | Maximum Pressure<br>最大壓力 bar | Maximum Piloed Pressure<br>最大引導壓力 Bar | Maximum Flow<br>最大流量 lpm | Weight<br>重 量 Kg |
|-------------------------------|------------------------------|---------------------------------------|--------------------------|------------------|
| DSW-02T-A                     | 250 (3625 psi)               | 3~12                                  | 70 (18.5 gpm)            | *                |
| DSW-02T-B                     |                              | 250                                   |                          | *                |
| 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 |                              | -15~70 (-5~158°F)                     |                          |                  |
| Contamination Level 污 染 標 準   |                              | ISO4406. 21/19/16 NAS1638,10          |                          |                  |

● Pressure regulation valve, set Max. pressure 210 bar when finish goods.  
出廠壓力調節閥標準設定最大壓力210bar

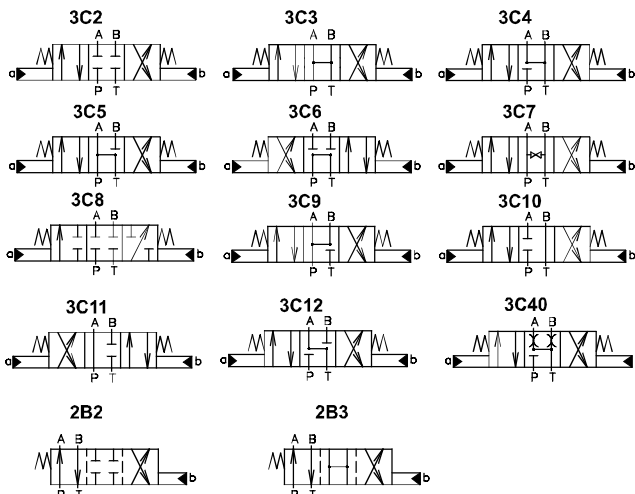
### ◆ HOW TO ORDER 編號說明

| 1   | 2   | 3  | 4 | 5 | 6  | 7  |
|-----|-----|----|---|---|----|----|
| DSW | *** | 02 | T | * | 1N | S1 |

#### 1 VALVE SERIES 系列名稱

DSW = Pilot Stack Valve(sectional)  
導引式多路換向閥(片式)

#### 2 SPOOL TYPES 滑柱型式



#### 3 SUBPLATE MOUNTING SIZE 稱呼口徑

02=1/4"(6mm) ISO CETOP3  
DIN NG 6 NFPA D03

#### 4 CONNECTING TYPE 連接型式

T:TYPE:THREADING TYPE (螺紋連接)

#### 5 PILOTED WAY 導引方式

A:PNEUMATIC PILOTED  
A: (空壓導引)  
B:HYDRAULIC PILOTED  
B: (液壓導引)

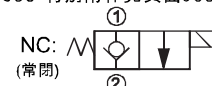
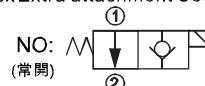
#### 6 NUMBER OF VALVE BLOCKS 連數

1N~5N= 1~5 BLOCKS

#### 7 INLET SECTION WITH RELIEF VALVES AND RELEASE VALVE (SELECTED MATING) 入油側釋壓閥(選配)

S1:DC12V S2:DC24V  
S3:RAC110V S4:RAC220V

※Extra attachment See Page 038 特別附件見頁面038

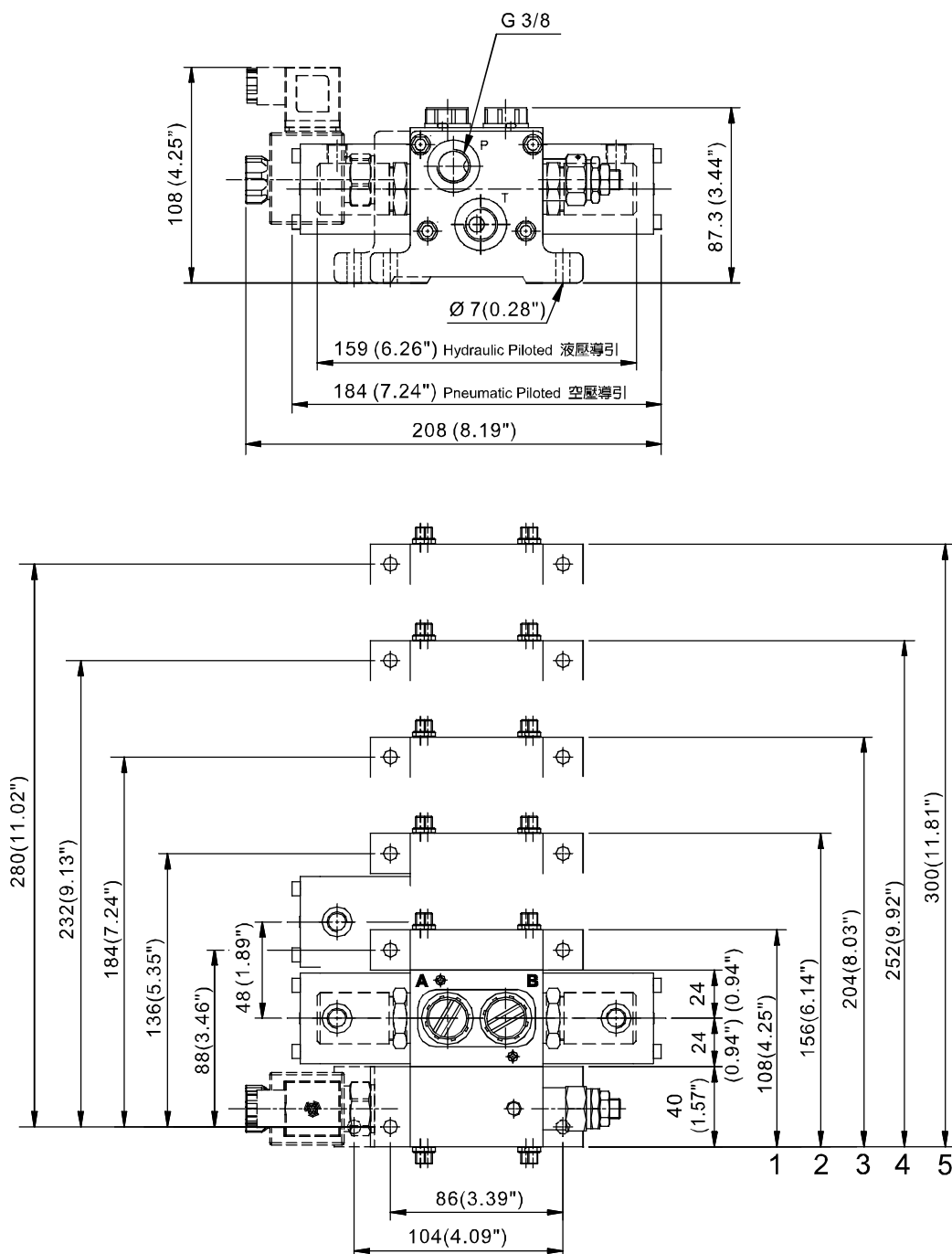


# STACK VALVE

## DSW SERIES

多路換向閥系列

### ◆ DIMENSIONS 外型尺寸圖



### ◆ AVAILABLE THREADS 適用螺紋

| PORTS 閥口      | P      | A-B    | T      |
|---------------|--------|--------|--------|
| DSW-02T-**-** | G 3/8" | G 3/8" | G 3/8" |

### ◆ MODEL 型 式

HWV



### ◆ CONTROL PORT(S) 動作形式



### ◆ SPECIFICATIONS 規 格

| Model Number<br>型 式 號 碼       | Operating Pressure<br>操作壓力 bar | Flow<br>流量 lpm               | Weight<br>重量 Kg |
|-------------------------------|--------------------------------|------------------------------|-----------------|
| HWV-380                       | 315 (4569 psi)                 | 50 (13.20 gpm)               | 2.8(6.3 lbs)    |
| HWV-120                       | 280 (4061 psi)                 | 80 (21.13 gpm)               |                 |
| HWV-340                       | 220 (3190 psi)                 | 120 (31.70 gpm)              |                 |
| HWV-100                       | 220 (3190 psi)                 | 180 (47.55 gpm)              | 3.6(8 lbs)      |
| Fluid Type 液體型式               |                                | ISO VG 32 , 46 , 68          |                 |
| Viscosity 黏性 cSt              |                                | 10~400 (59~1854 SSU)         |                 |
| Operating Temperature 操作溫度 °C |                                | -15~70 (-5~158 °F)           |                 |
| Contamination Level 污染標準      |                                | ISO4406, 21/19/16 NAS1638,10 |                 |

### ◆ HOW TO ORDER 編號說明

|     |     |
|-----|-----|
| 1   | 2   |
| HWV | 380 |

#### 1 VALVE SERIES 系列名稱

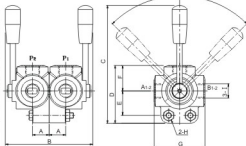
HWV = Manually Operated Directional Valves  
手動換向閥

#### 2 SUBPLATE MOUNTING SIZE 板腳口徑

380 : G 3/8      340 : G 3/4  
120 : G 1/2      100 : G 1

### ◆ DIMENSIONS 外型尺寸圖

| Model<br>Size<br>尺寸 | HWV-380       | HWV-120       | HWV-340 | HWV-100 |
|---------------------|---------------|---------------|---------|---------|
| A                   | 24 (0.95")    | 26.5 (1.04")  |         |         |
| B                   | 128.9 (5.08") | 136.3 (5.37") |         |         |
| C                   | 173.4 (6.83") | 180.7 (7.11") |         |         |
| D                   | 85 (3.35")    | 99.4 (3.91")  |         |         |
| E                   | 36 (1.42")    | 42 (1.65")    |         |         |
| F                   | 37.5 (1.47")  | 44.6 (1.76")  |         |         |
| G                   | 75 (2.95")    | 90 (3.54")    |         |         |
| H                   | M8            | M10           |         |         |
| I                   | G3/8          | G1/2          | G3/4    | G1      |



◆ **MODEL 型 式**

HV



◆ **CONTROL PORT(S) 動作形式**



◆ **SPECIFICATIONS 規 格**

| Model Number<br>型式號碼          | Operating Pressure<br>操作壓力 bar | Flow<br>流量 lpm               | Weight<br>重量 Kg |
|-------------------------------|--------------------------------|------------------------------|-----------------|
| HV-380                        | 300 (4351 psi)                 | 50 (13.20 gpm)               | 1.4(3.09 lbs)   |
| HV-120                        | 250 (3626 psi)                 | 80 (21.13 gpm)               |                 |
| HV-340                        | 220 (3190 psi)                 | 120 (31.70 gpm)              | 1.8(3.97 lbs)   |
| HV-100                        | 220 (3190 psi)                 | 180 (47.55 gpm)              |                 |
| Fluid Type 液體型式               |                                | ISO VG 32 , 46 , 68          |                 |
| Viscosity 黏性 cSt              |                                | 10-400 (59-1854 SSU)         |                 |
| Operating Temperature 操作溫度 °C |                                | -15-70 (-5-158 °F)           |                 |
| Contamination Level 污染標準      |                                | ISO4406, 21/19/16 NAS1638,10 |                 |

◆ **HOW TO ORDER 編號說明**

|          |          |
|----------|----------|
| <b>1</b> | <b>2</b> |
| HV       | 380      |

**1 VALVE SERIES 系列名稱**

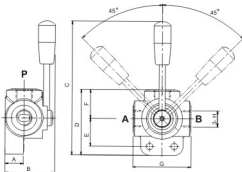
HV = Manually Operated Directional Valves  
手動操作閥

**2 SUBPLATE MOUNTING SIZE 插接口徑**

380 : G 3/8    340 : G 3/4  
120 : G 1/2    100 : G 1

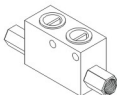
◆ **DIMENSIONS 外型尺寸圖**

| Model<br>Size<br>型 式<br>尺 寸 | HV-380        | HV-120        | HV-340 | HV-100 |
|-----------------------------|---------------|---------------|--------|--------|
| A                           | 24 (0.95")    | 26.5 (1.04")  |        |        |
| B                           | 64.5 (2.54")  | 68.1 (2.68")  |        |        |
| C                           | 173.4 (6.83") | 180.7 (7.11") |        |        |
| D                           | 85 (3.35")    | 89.4 (3.51")  |        |        |
| E                           | 36 (1.42")    | 42 (1.65")    |        |        |
| F                           | 37.5 (1.47")  | 44.6 (1.77")  |        |        |
| G                           | 75 (2.95")    | 90 (3.54")    |        |        |
| H                           | G3/8          | G1/2          | G3/4   | G1     |

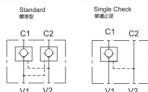


### ◆ MODEL 型 式

PCK



### ◆ CONTROL PORT(S) 操作形式



### ◆ SPECIFICATIONS 規 格

| Model Number<br>型式號碼          | Operating Pressure<br>操作壓力 bar | Pilot Ratio<br>引導比例 | Flow<br>流量 lpm               | Weight<br>重量 Kg |
|-------------------------------|--------------------------------|---------------------|------------------------------|-----------------|
| PCK-02                        | 320 (4641 psi)                 | 4 : 1               | 15 (3.96 gpm)                | 0.65 (1.43 lbs) |
| PCK-03                        |                                |                     | 35 (9.25 gpm)                | 0.65 (1.43 lbs) |
| PCK-04                        |                                |                     | 50 (13.21 gpm)               | 1.40 (3.09 lbs) |
| Fluid Type 液體型式               |                                |                     | ISO VG 32 , 46 , 68          |                 |
| Viscosity 黏性 cSt              |                                |                     | 10~400 (59~1854 SSU)         |                 |
| Operating Temperature 操作溫度 °C |                                |                     | -15~70 (-5~158°F)            |                 |
| Contamination Level 污染標準      |                                |                     | ISO4406: 21/19/16 NAS1638,10 |                 |

### ◆ HOW TO ORDER 購買說明

|     |    |   |
|-----|----|---|
| 1   | 2  | 3 |
| PCK | 02 | * |

### 2 PORTING 開口

02 : G1/4"  
03 : G3/8"  
04 : G1/2"

### 3 CHECK TYPE 止逆閥型式

Non : Standard 無配製/標準型

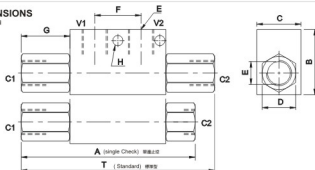
A : Single Check 單通止逆

Ⓢ Control port(s) please refer above.  
參考動作形式

### 1 VALVE SERIES 系列名稱

PCK = Pilot Operated Check Valves  
引導式止逆閥

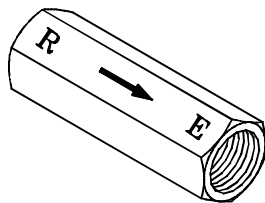
### ◆ DIMENSIONS 外型尺寸圖



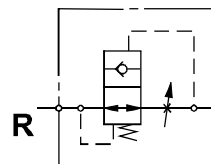
| Model 型 式 | Size 尺寸        |               |               |               |       |               |               |                |
|-----------|----------------|---------------|---------------|---------------|-------|---------------|---------------|----------------|
|           | A              | B             | C             | D             | E     | F             | G             | T              |
| PCK-02    | 111<br>(4.37") | 43<br>(1.69") | 29<br>(1.18") | 22<br>(0.87") | G1/4" | 30<br>(1.18") | 28<br>(1.10") | 120<br>(4.72") |
| PCK-03    | 117<br>(4.60") | 43<br>(1.69") | 29<br>(1.14") | 22<br>(0.87") | G3/8" | 30<br>(1.18") | 32<br>(1.26") | 128<br>(5.04") |
| PCK-04    | 154<br>(6.06") | 60<br>(2.36") | 40<br>(1.57") | 32<br>(1.26") | G1/2" | 41<br>(1.61") | 42<br>(1.65") | 174<br>(6.85") |

◆ **MODEL 型 式**

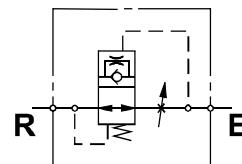
VAS-02/03/04/06/08



◆ **CONTROL PORT(S) 動作形式**



Hose burst check valve  
防爆閥



Hose burst valve  
with orifice  
帶節流口防爆閥

◆ **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    |
|-------------------------------|---------------------------|------------------------------|-----------------|
| VAS-02                        | 350 (5075 psi)            | 25 (6.6gpm)                  | 0.12 (0.26 lbs) |
| VAS-03                        | 350 (5075 psi)            | 50 (13.2gpm)                 | 0.15 (0.33 lbs) |
| VAS-04                        | 350 (5075 psi)            | 80 (21.1gpm)                 | 0.23 (0.51 lbs) |
| VAS-06                        | 350 (5075 psi)            | 150 (39.6gpm)                | 0.36 (0.79 lbs) |
| VAS-08                        | 350 (5075 psi)            | 220 (58.1gpm)                | 1.05 (2.31 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 |                           | -15~70 (-5~158°F)            |                 |
| Contamination Level 污染標準      |                           | ISO4406. 21/19/16 NAS1638,10 |                 |

◆ **HOW TO ORDER 編號說明**

|     |    |    |
|-----|----|----|
| 1   | 2  | 3  |
| VAS | 03 | 00 |

1 **VALVE SERIES 系列名稱**

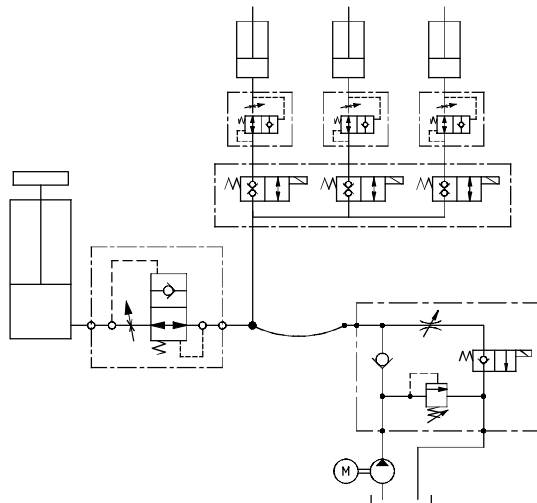
VAS = Hose Burst Protection Cartridge Type Valves  
插入式防爆閥

2 **SUBPLATE MOUNTING SIZE 稱呼口徑**

02=G1/4" 03=G3/8" 04=G1/2" 06=G3/4" 08=G1"

3 **ORIFICE DIMENSION 節流口尺寸**

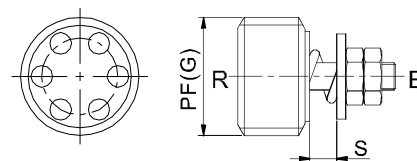
| Order 編號 | Orifice Diameter 節流口直徑 (mm) | Order 編號 | Orifice Diameter 節流口直徑 (mm) |
|----------|-----------------------------|----------|-----------------------------|
| 00       | No orifice 無節流口             | 06       | 1                           |
| 01       | 0.5                         | 07       | 1.2                         |
| 02       | 0.6                         | 08       | 1.3                         |
| 03       | 0.7                         | 09       | 1.5                         |
| 04       | 0.8                         | 10       | 1.9                         |
| 05       | 0.9                         | 11       | 2                           |



◆ **DESCRIPTION-OPERAYION 操作說明**

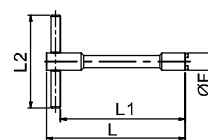
When the lowering speed exceeds preset value, as it might happen in case of hose failure, the flow is blocked. These valves should ideally be screwed directly into the actuator outlet port. Sealing parts are superfinished and enable to lock the load in the position where the actuator is in the moment of hose failure. These valves can be supplied, on request, allowing an emergency lowering of the load. It is recommended to fit a flow regulator valve downstream the hose burst valve, at the end of the flexible hose, to control the lowering speed at the nominal value. The "S" gap must be adjusted to allow a flow at least 50% over the nominal regulated flow from the actuator.

當降載速度超過預設值(軟管失效時可能發生這種情況), 流量會被切斷. 這些閥應該直接擰入油壓缸出口端. 在油壓缸發生軟管失效的位置, 密封零件是超精加工的, 能夠鎖定閥芯的載荷, 可以按需求供應帶有節流口的閥. 這些閥允許緊急情況下降低負載. 建議在防管道破裂閥的下游、軟管的末端安裝限速閥, 從而將降載速度控制為公稱值. 必須調整 "S" 間隙, 以便允許通過油壓缸的流量至少超過調節流量的 50%.



◆ **FITTING TOOL DESCRIPTION**

(阻尼孔) 安裝工具尺寸

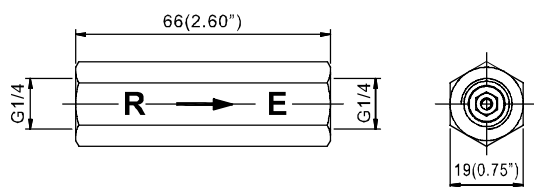


[Mm (Inches)]

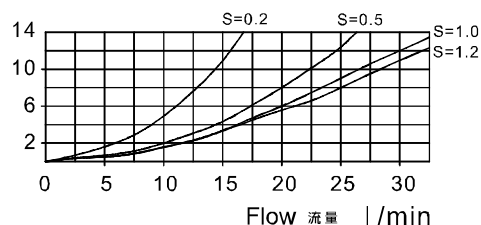
| Type | F           | L          | L1         | L2        | Material number |
|------|-------------|------------|------------|-----------|-----------------|
| G14  | 11.3(0.45") | 120(4.72") | 108(4.25") | 80(3.15") | VAS-2005        |
| G38  | 15(0.59")   | 120(4.72") | 108(4.25") | 80(3.15") | VAS-3005        |
| G12  | 18.8(0.74") | 120(4.72") | 108(4.25") | 80(3.15") | VAS-4005        |
| G34  | 24(0.95")   | 120(4.72") | 108(4.25") | 80(3.15") | VAS-6005        |
| G1   | 30(1.18")   | 120(4.72") | 108(4.25") | 80(3.15") | VAS-8005        |

### ◆ DIMENSIONS 外型尺寸圖

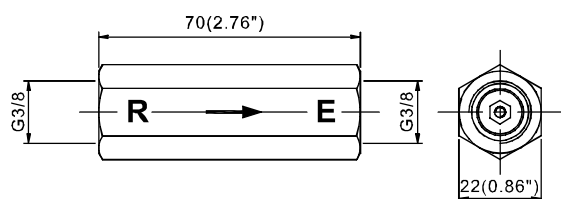
#### VAS-02



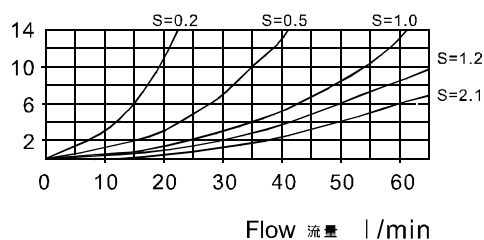
#### Pressure Drop 壓力降 R-E



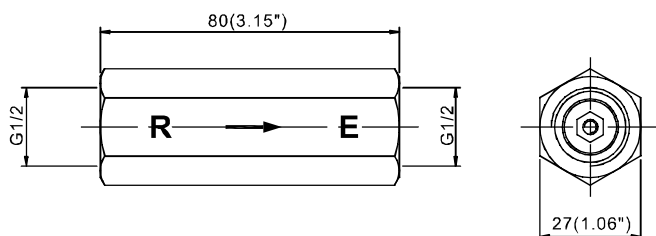
#### VAS-03



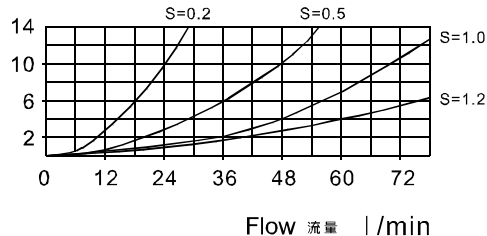
#### Pressure Drop 壓力降 R-E



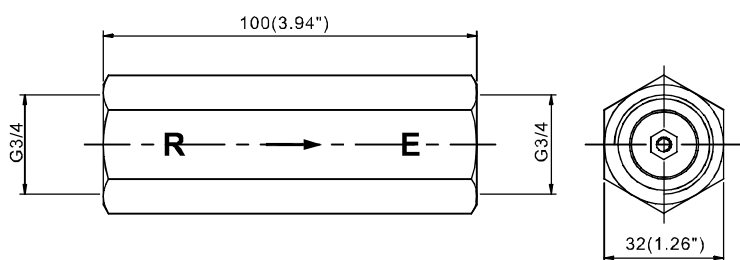
#### VAS-04



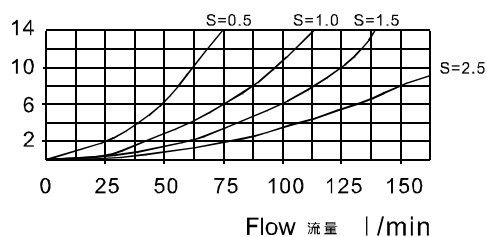
#### Pressure Drop 壓力降 R-E



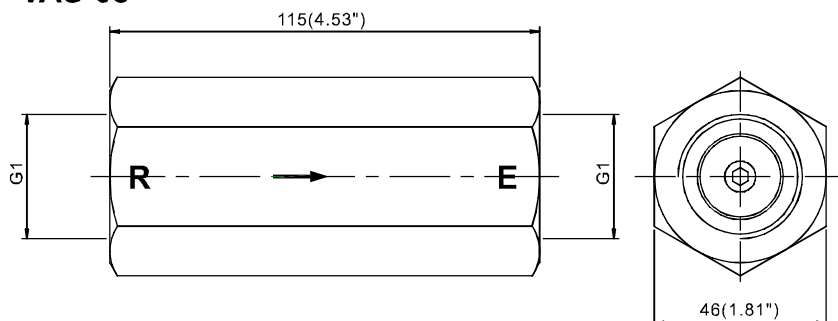
#### VAS-06



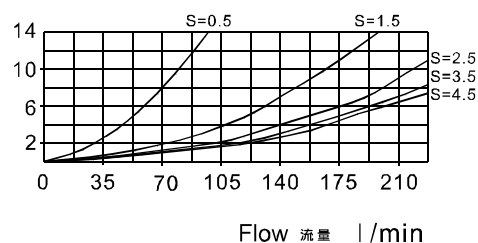
#### Pressure Drop 壓力降 R-E



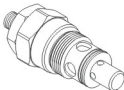
#### VAS-08



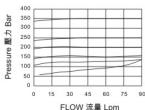
#### Pressure Drop 壓力降 R-E



◆ **MODEL 型 式**  
VNE-60



◆ **CONTROL PORT(S) 動作形式**



◆ **SPECIFICATIONS 規 格**

| Model Number<br>型 式 號碼        | Operating Pressure<br>操作壓力 bar | Flow<br>流量 lpm               | Weight<br>重量 Kg |
|-------------------------------|--------------------------------|------------------------------|-----------------|
| VNE-60                        | 380 (5511 psi)                 | 90 (23.78 gpm)               | 0.26 (0.57 gpm) |
| Fluid Type 液體型式               |                                | ISO VG 32, 46, 68            |                 |
| Viscosity 黏性 cSt              |                                | 10~400 (50~1854 SSU)         |                 |
| Operating Temperature 操作溫度 °C |                                | -15~70 (-5~158 °F)           |                 |
| Contamination Level 污染標準      |                                | ISO4406: 21/19/16 NAS1638,10 |                 |

◆ **HOW TO ORDER 編號說明**

|     |    |   |   |
|-----|----|---|---|
| 1   | 2  | 3 | 4 |
| VNE | 60 | * | * |

**1 VALVE SERIES 系列名稱**

VNE= Cartridge Type Relief Valves  
插入式調壓閥

**2 SUBPLATE MOUNTING SIZE 編排口徑**

**3 ADJUSTMENT PRESSURE 壓力調整範圍**

| Order<br>編號 | Adjustment pressure<br>壓力調整範圍 |
|-------------|-------------------------------|
| 28          | 30 ~ 280 (bar)                |
| 35          | 60 ~ 350 (bar)                |

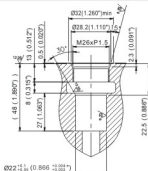
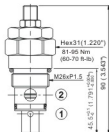
◆ **CONTROL PORT(S) 動作形式**



**4 ADJUSTMENT OPTION 調整選擇**

|      |                            |  |
|------|----------------------------|--|
| NONE | NONE TOOL ADJUST<br>無工具調整式 |  |
|------|----------------------------|--|

◆ **DIMENSIONS 外形尺寸圖**



● Please note, Former model VNE-60 (2013 VERSION) has changed to VNE-70 already.

請注意：原有機型VNE-60(2013版本)已更改為VNE-70。

### ◆ **MODEL 型 式**

VRV-02



### ◆ **CONTROL PORT(S) 動作形式**



### ◆ **SPECIFICATIONS 規 格**

| Model Number<br>型 式 號碼        | Operating Pressure<br>操作壓力 bar | Flow<br>流量 lpm               | Weight<br>重量 Kg |
|-------------------------------|--------------------------------|------------------------------|-----------------|
| VRV-02                        | 320 (4641 psi)                 | 35 ( 9.25 gpm)               | 0.2 (0.4 lbs)   |
| Fluid Type 液體型式               |                                | ISO VG 32 , 46 , 68          |                 |
| Viscosity 黏性 cSt              |                                | 10~400 (59~1854 SSU)         |                 |
| Operating Temperature 操作溫度 °C |                                | -15~70 (-5~158 °F)           |                 |
| Contamination Level 污染標準      |                                | ISO4406, 21/19/16 NAS1638,10 |                 |

### ◆ **HOW TO ORDER 編號說明**

|          |          |          |          |
|----------|----------|----------|----------|
| <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> |
| VRV      | 02       | *        | *        |

#### **1 VALVE SERIES 系列名稱**

VRV= CARTRIDGE TYPE RELIEF VALVES

插入式溢流閥

#### **2 SUBPLATE MOUNTING SIZE 插接口徑**

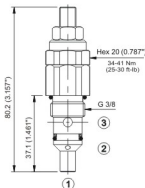
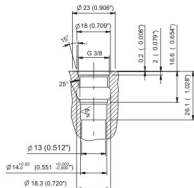
#### **3 ADJUSTMENT PRESSURE 壓力調整範圍**

| Order<br>編號 | Adjustment pressure<br>壓力調整範圍 |
|-------------|-------------------------------|
| 30          | 0 ~ 320 (bar)                 |

#### **4 ADJUSTMENT OPTION 調整選項**

|      |                             |  |
|------|-----------------------------|--|
| NONE | NONE: TOOL ADJUST<br>無工具調整式 |  |
|------|-----------------------------|--|

### ◆ **DIMENSIONS 外型尺寸圖**

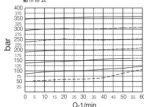


## ◆ MODEL 型 式

VRV-03



## ◆ CONTROL PORT(S) 動作形式



## ◆ SPECIFICATIONS 規 格

| Model Number<br>型 式 號碼        | Operating Pressure<br>操作壓力 bar | Flow<br>流量 lpm              | Weight<br>重量 Kg |
|-------------------------------|--------------------------------|-----------------------------|-----------------|
| VRV-03                        | 315 (4569 psi)                 | 60 (15.85 gpm)              | 0.18 (0.40 lbs) |
| Fluid Type 液體型式               |                                | ISO VG 32, 46, 68           |                 |
| Viscosity 黏性 cSt              |                                | 10~400 (59~1854 SSU)        |                 |
| Operating Temperature 操作溫度 °C |                                | -15~70 (-5~158 °F)          |                 |
| Contamination Level 污染標準      |                                | ISO4406 21/19/16 NAS1638.10 |                 |

## ◆ HOW TO ORDER 編號說明

| 1   | 2  | 3 | 4 | 5  |
|-----|----|---|---|----|
| VRV | 03 | * | * | 20 |

## 1 VALVE SERIES 系列名稱

VRV= CARTRIDGE TYPE RELIEF VALVES  
(DIRECT TYPE) 插入式調壓閥(直動式)

## 2 SUBPLATE MOUNTING SIZE 安裝尺寸

## 3 ADJUSTMENT PRESSURE 壓力調整範圍

| Order<br>編號 | Adjustment pressure<br>壓力調整範圍 |
|-------------|-------------------------------|
| 20          | 30 ~ 280 (bar)                |
| 35          | 35 ~ 380 (bar)                |

## ◆ CONTROL PORT(S) 動作形式

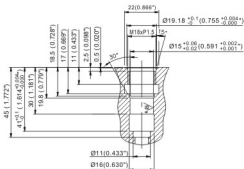
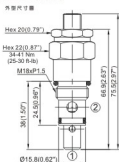


## 4 ADJUSTMENT OPTION 調整選擇

|      |                            |  |
|------|----------------------------|--|
| NONE | NONE TOOL ADJUST<br>無工具調整式 |  |
|------|----------------------------|--|

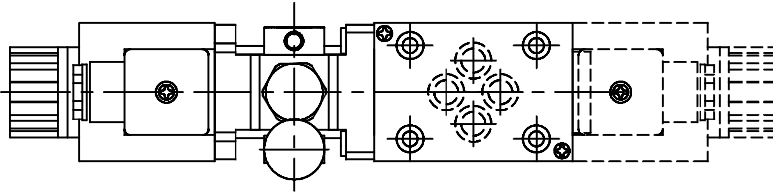
## 5 DESIGN NO 設計編號

## ◆ DIMENSIONS 外形尺寸圖

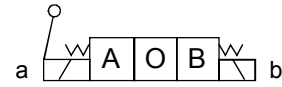


### ◆ MODEL 型 式

## WED-02G



### ◆ CONTROL PORT(S) 動作形式



### ◆ SPECIFICATIONS 規 格

| Model Number<br>型式號碼          | Maximum Pressure<br>最大壓力 bar | Maximum Flow<br>最大流量 lpm     | Weight<br>重量 Kg |
|-------------------------------|------------------------------|------------------------------|-----------------|
| WED-02                        | 315 (4500 psi)               | 100 (26.4 gpm)               | *               |
| 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 |                              | -15~70 (-5~158 °F)           |                 |
| Contamination Level 污染標準      |                              | ISO4406. 21/19/16 NAS1638,10 |                 |

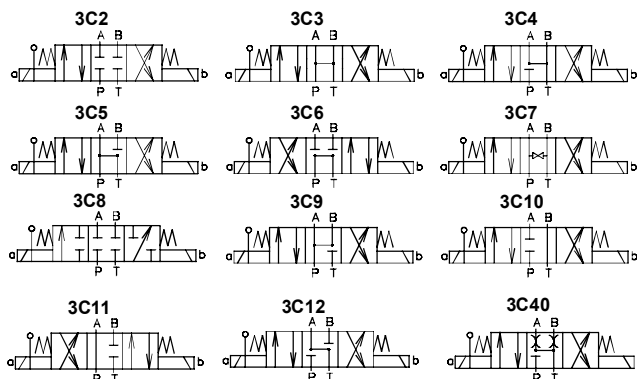
### ◆ HOW TO ORDER 編號說明

| 1   | 2   | 3  | 4 | 5  | 6  |
|-----|-----|----|---|----|----|
| WED | *** | 02 | G | ** | 30 |

#### 1 VALVE SERIES 系列名稱

WED = Solenoid Operated Directional Valves 電磁換向閥  
(Manual Override 手動操作)

#### 2 SPOOL TYPE 滑柱型式



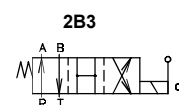
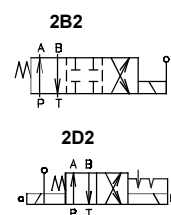
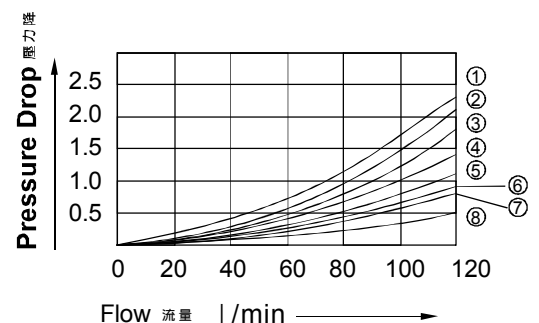
#### 3 SUBPLATE MOUNTING SIZE 稱呼口徑

02=1/4"(6mm)  
ISO CETOP3  
DIN NG 6  
NFPA D03

#### 4 CONNECTING TYPE 連接型式

G:TYPE:BASEPLATE MOUNTING TYPE (板式連接)

### ◆ PERFORMANCE 特性曲線



#### 5 TYPE OF COIL 電磁閥電磁線圈類型

A1 : AC110 60HZ D1 : DC12  
A115 : AC115 50HZ D2 : DC24  
A230 : AC230 50HZ R1 : RF110 60HZ/50HZ  
A2 : AC220 60HZ R2 : RF220 60HZ/50HZ

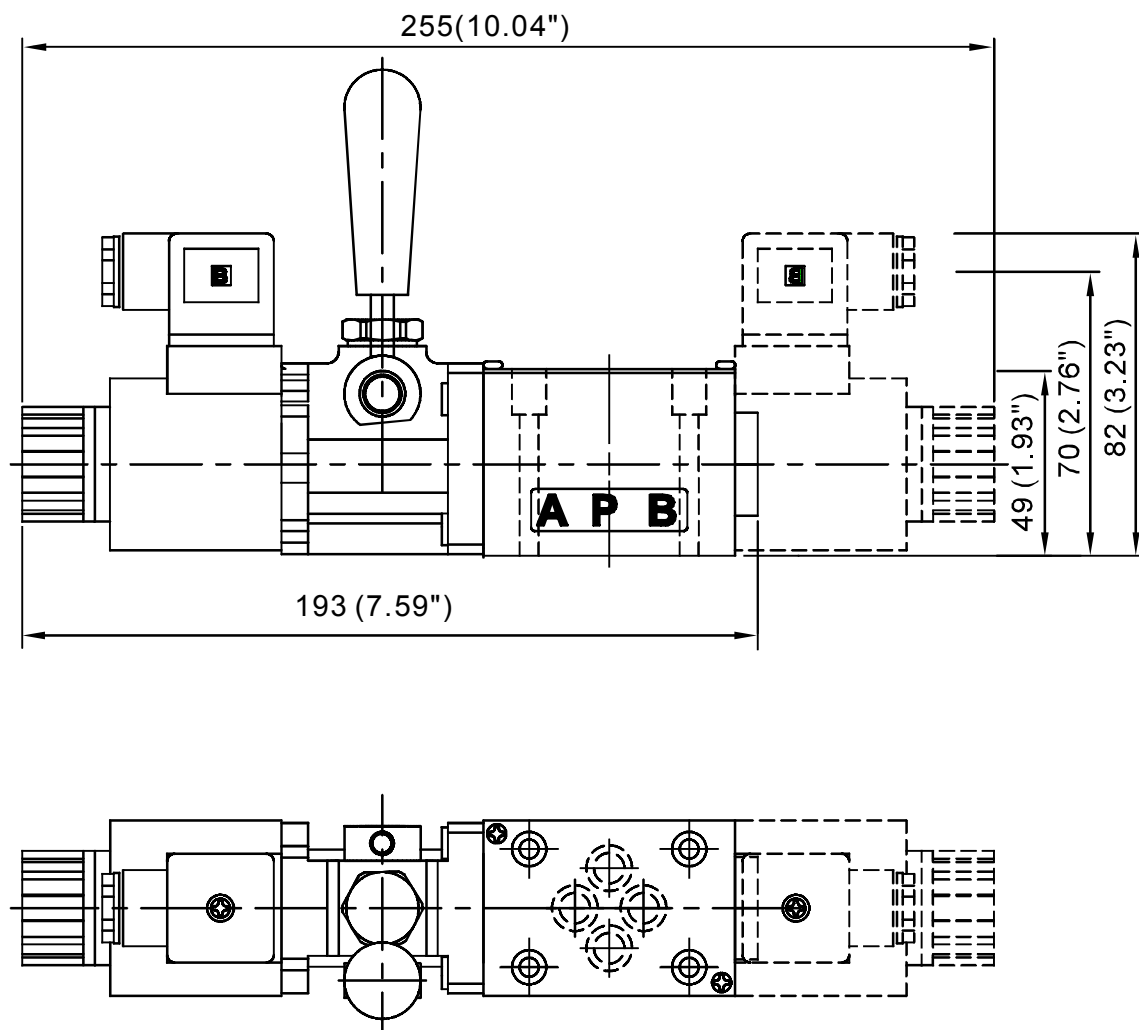
#### 6 WIRING TYPE 接線型式

30: DIN TYPE DIN型

40: AMP TYPE AMP型

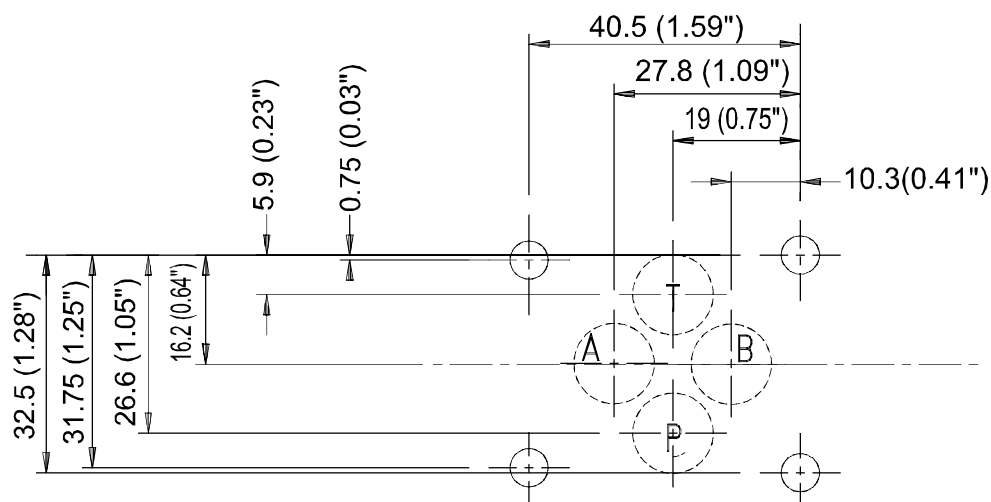


### ◆ DIMENSIONS 外型尺寸圖



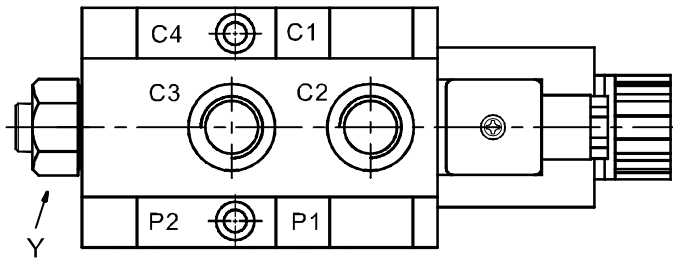
### ◆ Mounting Interface 基座尺寸圖

ISO 4401-AB-03-4-A

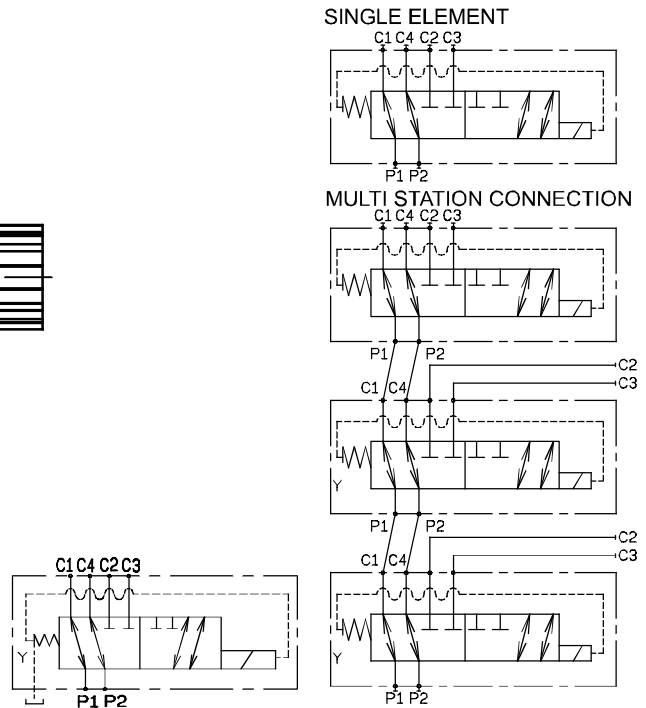


### ◆ MODEL 型 式

## XEF-02T/03T/04T



- XEF-02T/03T/04T valves are special solenoid valves which allow the simultaneous connection of two pressure systems.
- XEF-02T/03T/04T 屬於特殊電磁閥，能夠同時連接至2個壓力系統。



### ◆ 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 |
|-------------------------------|---------------------------|------------------------------|--------------|
| XEF-02T                       | 250 (3625 psi)            | 20 (5.28gpm)                 | *            |
| XEF-03T                       | 250 (3625 psi)            | 40 (10.6gpm)                 | *            |
| XEF-04T                       | 250 (3625 psi)            | 80 (21.1gpm)                 | *            |
| 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 |                           | -15~70 (-5~158 °F)           |              |
| Contamination Level 污染標準      |                           | ISO4406. 21/19/16 NAS1638,10 |              |

Y: Maximum Pressure up to 320bar

Y: 最大壓力可達 320bar

### ◆ HOW TO ORDER 編號說明

| 1   | 2  | 3 | 4  | 5  |
|-----|----|---|----|----|
| XEF | 03 | T | D2 | 1N |

**5** NUMBER OF VALVE BLOCKS 連數  
1N~7N = 1~7 BLOCKS

#### 1 VALVE SERIES 系列名稱

XEF = 6 of way 2 positions Solenoid Operated Directional Valves 6孔2位電磁換向閥

#### 2 SUBPLATE MOUNTING SIZE 稱呼口徑

02=G 1/4" 03 = G3/8"

04=G 1/2"

#### 3 MODEL 型式

T:TYPE:THREADING TYPE (螺紋連接)

#### 4 TYPE OF COIL 電磁閥電磁線圈類型

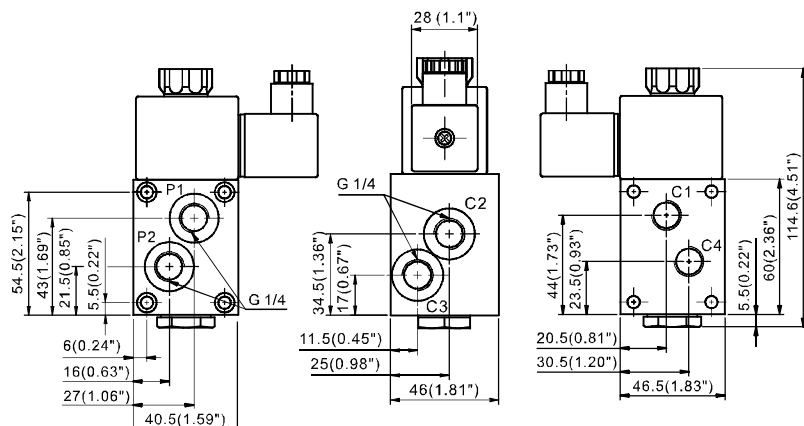
D1 : DC12 R1 : RF110 60HZ/50HZ  
D2 : DC24 R2 : RF220 60HZ/50HZ

### ◆ ACCESSORIES 附屬配件

| MODEL 型式         | NUMBER OF VALVE BLOCKS 連數 | SCREW 螺絲 | Q'ty 數量 |
|------------------|---------------------------|----------|---------|
| XEF-02           | 2N                        | M5x95L   | 4       |
|                  | 3N                        | M5x140L  | 4       |
|                  | 4N                        | M5x185L  | 4       |
|                  | 5N                        | M5x230L  | 4       |
|                  | 6N                        | M5x280L  | 4       |
| XEF-03<br>XEF-04 | 2N                        | M8x155L  | 4       |
|                  | 3N                        | M8x225L  | 4       |
|                  | 4N                        | M8x295L  | 4       |
|                  | 5N                        | M8x365L  | 4       |
|                  | 6N                        | M8x435L  | 4       |

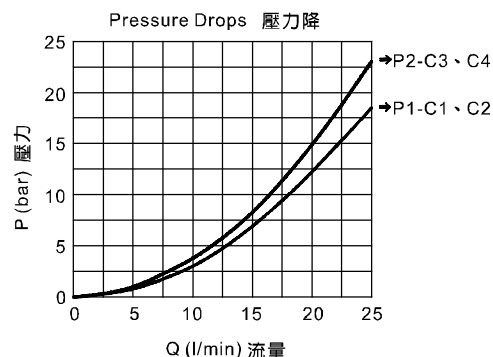
### ◆ DIMENSIONS 外型尺寸圖

#### XEF-02T



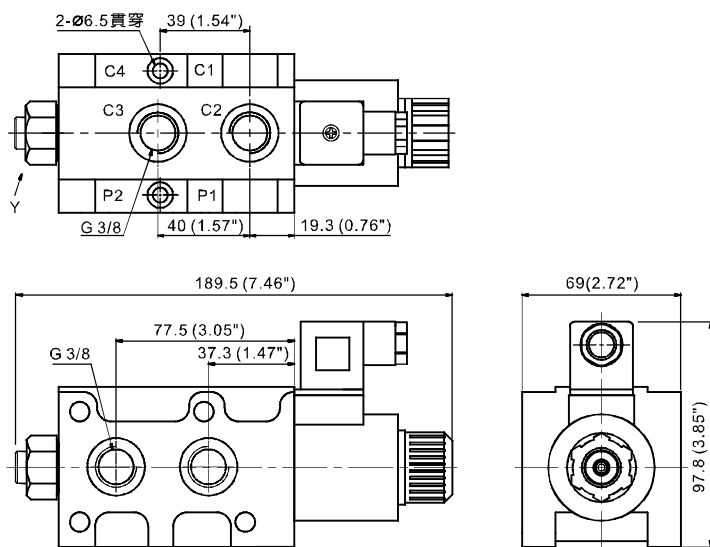
### ◆ PERFORMANCE 特性曲線

#### XEF-02T



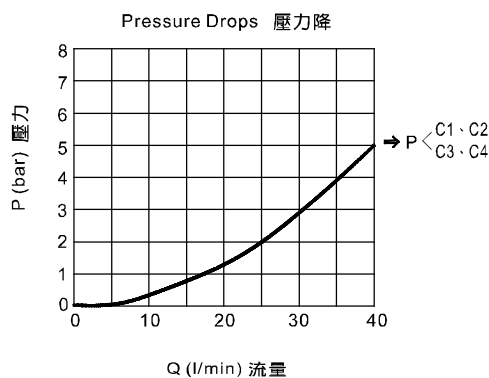
### ◆ DIMENSIONS 外型尺寸圖

#### XEF-03T



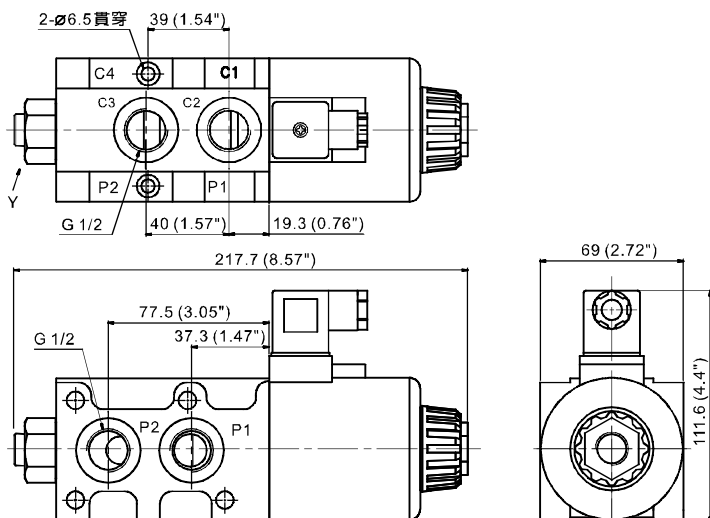
### ◆ PERFORMANCE 特性曲線

#### XEF-03T



### ◆ DIMENSIONS 外型尺寸圖

#### XEF-04T



### ◆ PERFORMANCE 特性曲線

#### XEF-04T

