

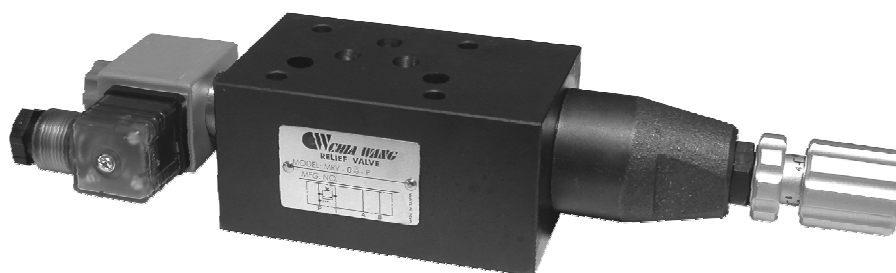
# SOLENOID OPERATED PRESSURE RELIEF VALVE

## MSRV SERIES

積層型電控調壓閥

### ◆ MODEL 型 式

MSRV-03



### ◆ FEATURES

- MSRV series solenoid operated pressure relief valves can be used to reduce pressure on the "P" port.
- Casting iron valve bodies are provided strength and durability for longer life.
- Internal hardened steel components also provide durable life.
- Three standard pressure setting options are available.
- Two pressure adjustment options are: hex. screw or knob.

#### ● 特 點

- MSRV系列積層型電控調壓閥可使用 P孔調節壓力。
- 閥本體鑄鐵強度夠且耐久性，壽命長。
- 內部硬鋼原件提高產品壽命。
- 三種標準壓力設定選擇。
- 六角螺絲或把手兩種壓力調整選擇。

### ◆ SPECIFICATIONS 規 格

| Model Number<br>型式號碼          | Maximum Pressure<br>最大壓力 bar | Connecting PT<br>適用管徑             | Maximum Flow<br>最大流量 lpm | Weight<br>重量 Kg |
|-------------------------------|------------------------------|-----------------------------------|--------------------------|-----------------|
| MSRV-02-P                     | 315 (4500 psi)               | 1/4"                              | 40 (10.56 gpm)           | 2 (4.4 lbs)     |
| MSRV-03-P                     | 315 (4500 psi)               | 3/8"                              | 80 (21.10 gpm)           | 3.6 (7.9 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. 21/19/16 NAS1638,10      |                          |                 |
| Surface Treatment 表面處理        |                              | Zinc Phosphate Compound 鋅 磷酸鹽 化合物 |                          |                 |

- All screws with metric measure , if require inch measure , please contact us.

所附螺絲皆為公制標準規格品，若需英制螺絲請另外備註說明。

### ◆ HOW TO ORDER 編號說明

| 1    | 2  | 3 | 4 | 5 | 6  | 7  |
|------|----|---|---|---|----|----|
| MSRV | 03 | P | 1 | K | D2 | 10 |

#### 1 VALVE SERIES 系列名稱

MSRV=Solenoid Operated Pressure Relief Valve

#### 2 SUBPLATE MOUNTING SIZE: 稱呼口徑

02 = 1/4"(6mm)

ISO CETOP3

DIN NG 6

NFPA D03

03= 3/8"(9mm)

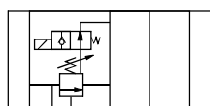
ISO CETOP5

DIN NG 10

NFPA D05

#### 3 CONTROL PORT(S) 動作形式

P=P Port Only



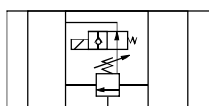
P

T

A

B

A=A Port Only



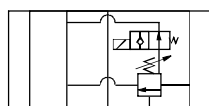
P

T

A

B

B=B Port Only



P

T

A

B

#### 4 ADJUSTMENT PRESSURE 壓力調整範圍

1. \*~ 70 (bar)
2. 8~140 (bar)
3. 10~250 (bar)
4. 20~315 (bar)

#### 5 SHAPE 調整部形狀

NONE: TOOL ADJUST 無：工具調整式

K: HAND-BAR ADJUST K：手把調整式

#### 6 TYPE OF COIL 電磁閥電磁線圈類型

A1: 115VAC

D1: 12 VDC

A2: 230VAC

D2: 24 VDC

#### 7 DESIGN NO 設計編號

# SOLENOID OPERATED PRESSURE RELIEF VALVE

積層型電控調壓閥

MSRV SERIES

## ◆ PERFORMANCE 性能

Test Conditions 測試條件

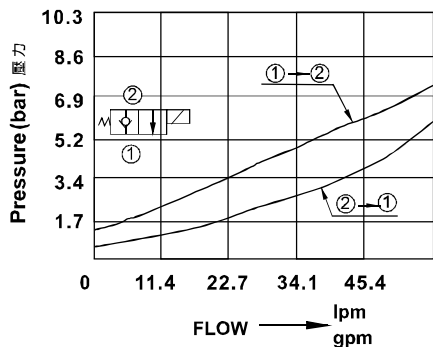
Oil Temperature 油溫度: 50°C (122°F)

Viscosity 黏度: 35 cSt (163 SSU)

MSRV-02.03

### Pressure Drop (Free Flow)

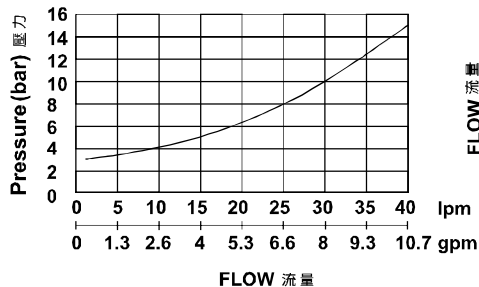
壓力降 (自由流量)



MSRV-02

### Minimum Adjustment Pressure

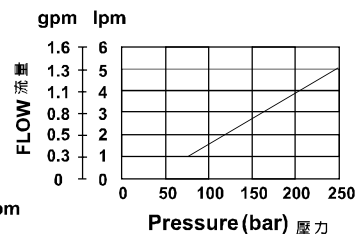
最低調整壓力



MSRV-02

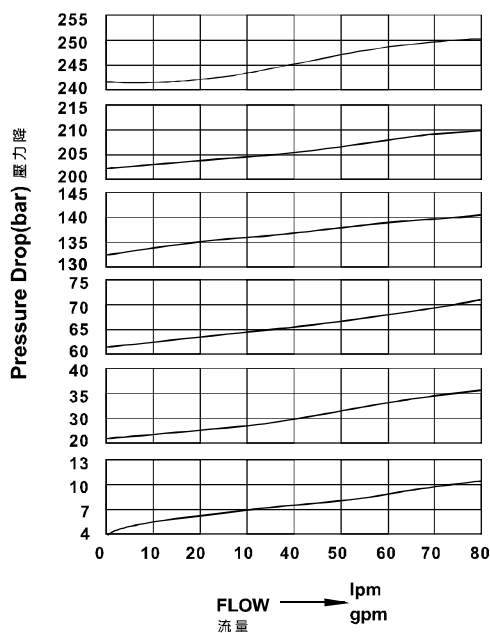
### Minimum Flow Characteristics

最低流量特性



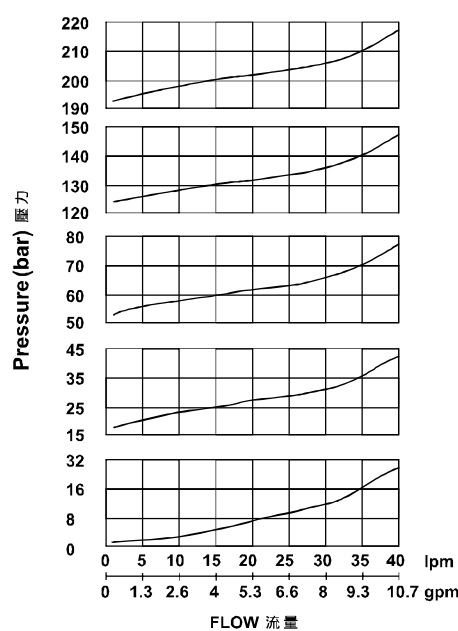
MSRV-03

### Pressure (Flow) 壓力降 (自由流量)



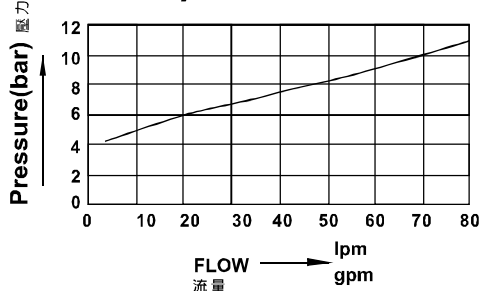
MSRV-02

### Override Characteristics 超壓特性



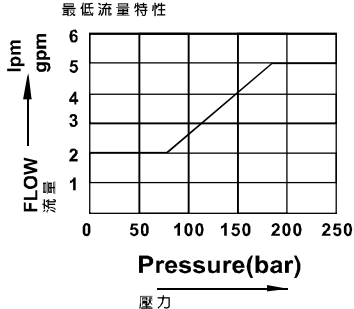
MSRV-03

### Minimum Adjustment Pressure 最低調整壓力



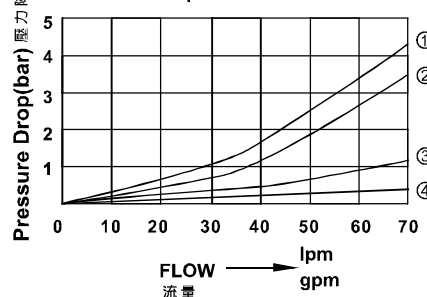
MSRV-03

### Minimum Flow Characteristics 最低流量特性



MSRV-03

### Pressure Drop 壓力降



- ① : MSRV-03P T LINE
- ② : MSRV-03P A LINE
- ③ : MSRV-03P B LINE
- ④ : MSRV-03P P LINE

B  
MSRV

# SOLENOID OPERATED PRESSURE RELIEF VALVE

MSRV SERIES

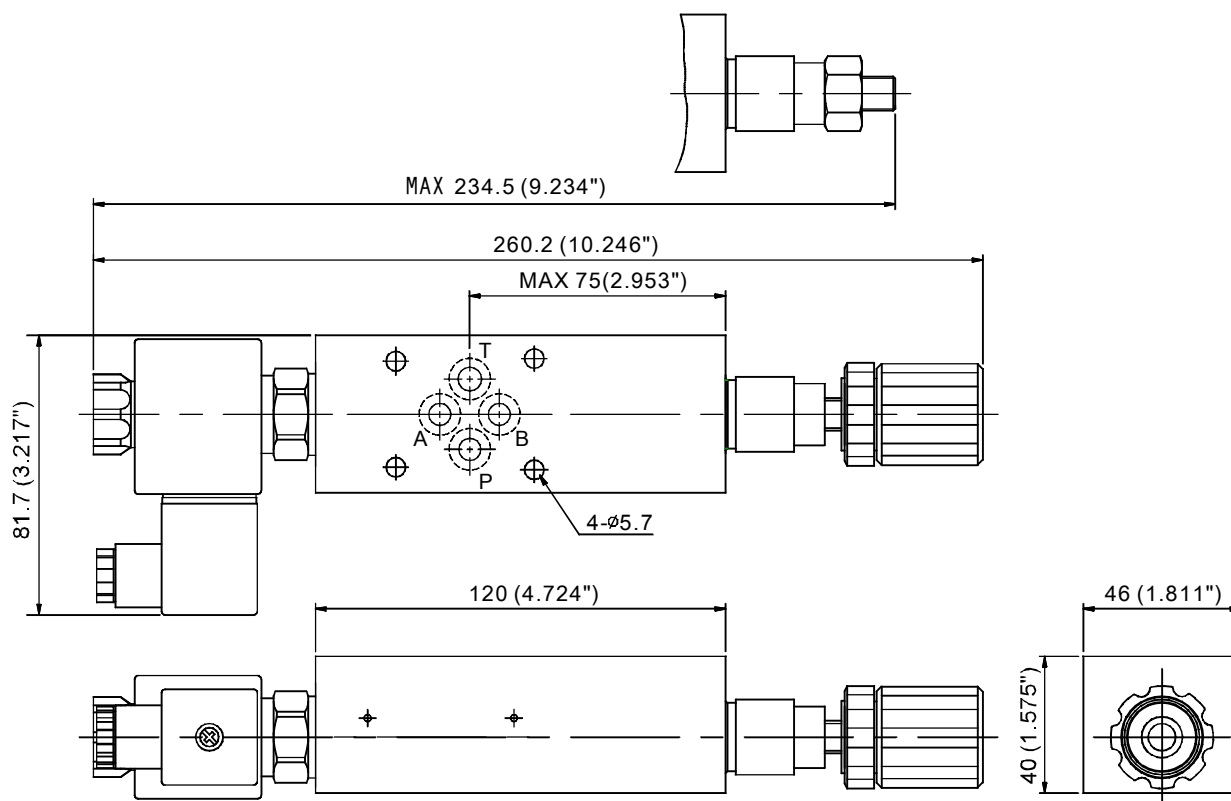
積層型電控調壓閥

## ◆ DIMENSIONS 外型尺寸圖

MSRV-02

## ◆ Mounting Interface 基座尺寸圖

ISO 4401-AB-03-4-A



## ◆ DIMENSIONS 外型尺寸圖

MSRV-03

## ◆ Mounting Interface 基座尺寸圖

ISO 4401-AC-05-4-A

