

◆ MODEL 型 式

MCV-02



◆ FEATURES

- MCV series modular check valves can be used for all the ports including the "P" port, "T" port, "B" port, or "W" port, etc..
- Casting iron valve bodies are provided strength and durability for longer life.
- Internal hardened steel components also provide durable life.

- 特 點
- MCV系列積層型止逆閥 P孔、T孔、A孔、B孔、W孔等...均可使用。
- 閥本體鑄鐵強度夠且耐久佳，壽命長。
- 內部使用硬化件提高產品壽命。

◆ SPECIFICATIONS 規 格

Model Number 型式號碼	Maximum Pressure 最大壓力 bar	Connecting PT 通用管徑	Maximum Flow 最大流量 lpm	Weight 重量 Kg
MCV-02-P, T, A, B, C, D, TL MCV-02-W	315 (4500 psi)	1/4"	40 (10.58 gpm)	1.0 (2.2 lbs) 1.2 (2.6 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		
Surface Treatment 表面處理		Zinc Phosphate Compound 磷 鎂 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
MCV	02	P	1	20

1 VALVE SERIES 系列名稱

MCV=Check Modular Valves

4 SPRING PRESSURE 開啓力

- 0.5 (bar)
- 2.5 (bar)
- 4 (bar)

2 SUBPLATE MOUNTING SIZE: 稱厚口徑

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

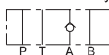
5 DESIGN NO 設計編號

3 ACTION FORM 動作形式

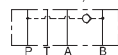
P=P Port Only



A=A Port Only



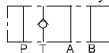
C=Relief P, B to T



W=Relief A, B to T



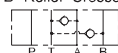
T=T Port Only



B=B Port Only



D=Relief Crossover



TL=T Port Only



CHECK MODULAR VALVES

MCV SERIES

積層型止逆閥

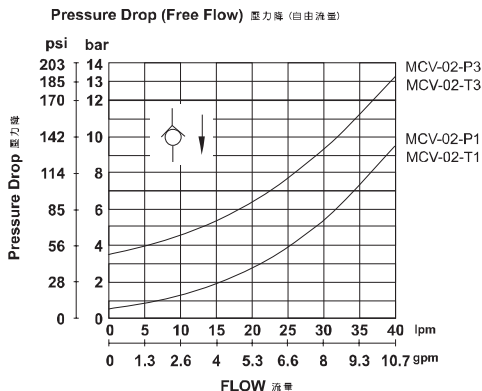
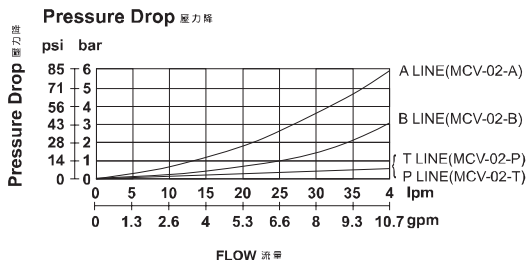
◆ PERFORMANCE 性能

Test Conditions 測試條件

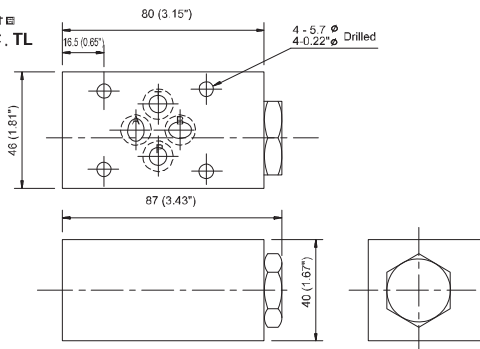
Oil Temperature 油溫度: 50°C(122°F)

Viscosity 黏度: 35 cSt (163 SSU)

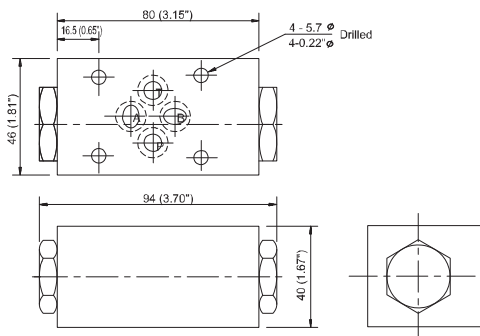
MCV-02



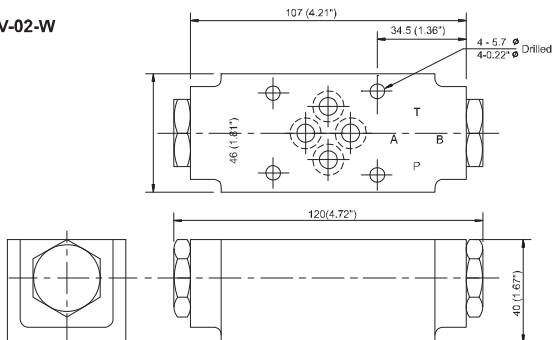
◆ DIMENSIONS 外寸尺寸圖
MCV-02-P. T. A. B. C. TL



MCV-02-D



MCV-02-W



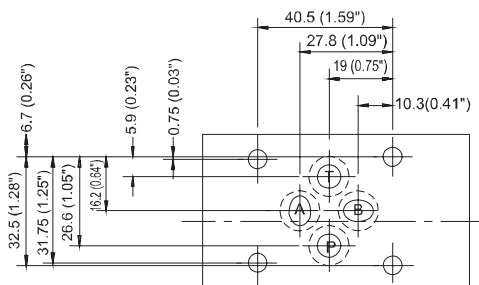
CHECK MODULAR VALVES

MCV SERIES

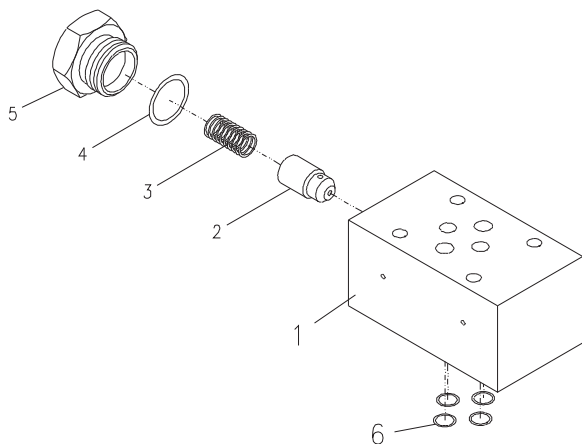
積層型止逆閥

◆ Mounting Interface 基座尺寸圖

ISO 4401-AB-03-4-A



◆ PARTS LIST OF MCV-02 SERIES 零件爆炸视图



◆ SEAL KITS 密封配件

NO	Description	Q'ty	Specification
4	O-ring	1	P18
6	O-ring	4	P9

◆ MODEL 型 式

MCV-03



◆ FEATURES

- MCV series modular check valves can be used for all the ports including the "P" port, "T" port, or "D" port, etc..
- Casting iron valve bodies are provided strength and durability for longer life.
- Internal hardened steel components also provide durable life.

- 特 點
- MCV系列積層型止逆閥 P孔、T孔、A孔、B孔、W孔、C孔、D孔等...均可應用。
- 鑄本體結構強度好且耐久性、壽命長。
- 內部鑲鋼零件提高產品壽命。

◆ SPECIFICATIONS 規 格

Model Number 型 式 號 碼	Maximum Pressure 最大壓力 bar	Connecting PT 適 用 管 徑	Maximum Flow 最大流量 lpm	Weight 重 量 Kg
MCV-03-P, T, C, D	315 (4500 psi)	3/8"	80 (21.10 gpm)	2.5 (5.5 lbs)
MCV-03-W, A, B				2.8 (6.2 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	
Surface Treatment 表 面 處 理			Zinc Phosphate Compound 鋅 磷 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者，若需英制螺絲請至外備註說明。

◆ HOW TO ORDER 編號說明

1	2	3	4	5
MCV	03	P	1	20

1 VALVE SERIES 系列名稱

MCV=Check Modular Valves

4 SPRING PRESSURE 開啓力

1. 0.5 (bar)
2. 2.5 (bar)
3. 4 (bar)

2 SUBPLATE MOUNTING SIZE: 納呎口徑

03 = 3/8"(9mm)
ISO CETOP5
DIN NG 10
NFPA D05

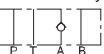
5 DESIGN NO 設計編號

3 ACTION FORM 動作形式

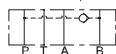
P=P Port Only



A=A Port Only



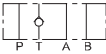
C=Relief P, B to T



W=Relief A, B to T



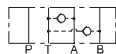
T=T Port Only



B=B Port Only



D=Relief Crossover



CHECK MODULAR VALVES

MCV SERIES

積層型止逆閥

◆ PERFORMANCE 性能

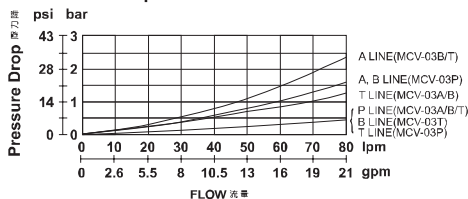
Test Conditions 測試條件

Oil Temperature 油溫度: 50°C (122°F)

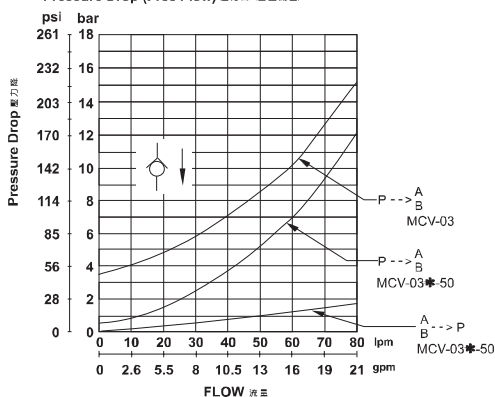
Viscosity 黏度: 35 cSt (163 SSU)

MCV-03

Pressure Drop 壓力降

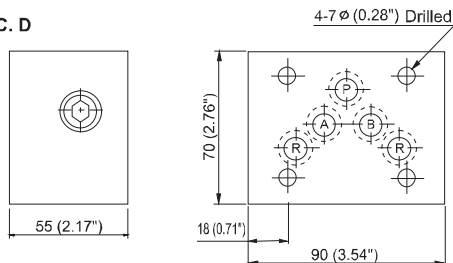


Pressure Drop (Free Flow) 壓力降 (自由流量)



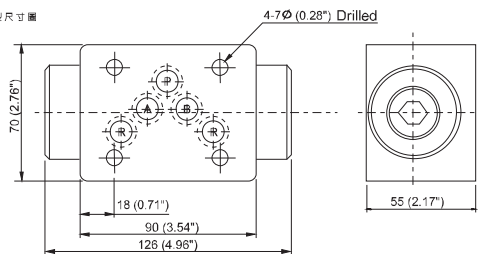
◆ DIMENSIONS 外型尺寸圖

MCV-03-P. T. C. D



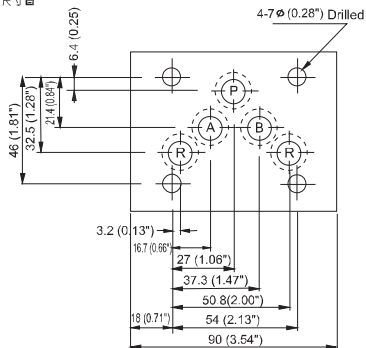
◆ DIMENSIONS 外型尺寸圖

MCV-03-W. A. B

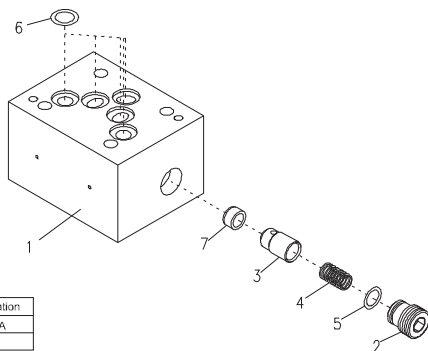


◆ Mounting Interface 基準尺寸圖

ISO 4401-AB-03-4-A



◆ PARTS LIST OF MCV-03 SERIES 零件爆炸圖



◆ SEAL KITS 密封配件

NO	Description	Q'ty	Specification
5	O-ring	1	P10A
6	O-ring	5	P12

CHECK MODULAR VALVES

MCV SERIES

積層型止逆閥

◆ MODEL 型 式

MCV-04



◆ FEATURES

- MCV series modular check valves can be used for the "P" port .
- Casting iron valve bodies are provided strength and durability for longer life.
- Internal hardened steel components also provide durable life.
- 特 點
- MCV系列積層型止逆閥 P孔可使用。
- 閥本體鑄鐵強度與耐用性，壽命長。
- 內部硬鋼零件提供產品壽命。

◆ SPECIFICATIONS 規 格

Model Number 型式號碼	Maximum Pressure 最大壓力 bar	Connecting PT 適用管徑	Maximum Flow 最大流量 lpm	Weight 重量 Kg
MCV-04-P	315 (4500 PSI)	1/2"	300 (79.25 gpm)	4.8 (10.58 lbs)
Fluid Type 液體型別		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		
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
MCV	04	P	1	20

1 VALVE SERIES 系列名稱

MCV=Check Modular Valves

4 SPRING PRESSURE 閥啓力

- 0.5 (bar)
- 3.5 (bar)

2 SUBPLATE MOUNTING SIZE: 稱呼口徑

04 =1/2"(12mm)
ISO CETOP7
DIN NG 16
NFFPA D07

5 DESIGN NO 設計編號

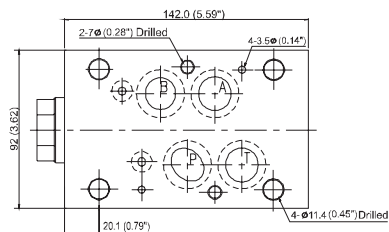
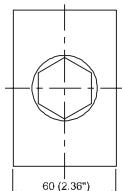
3 ACTION FORM 動作形式

P=P Port Only



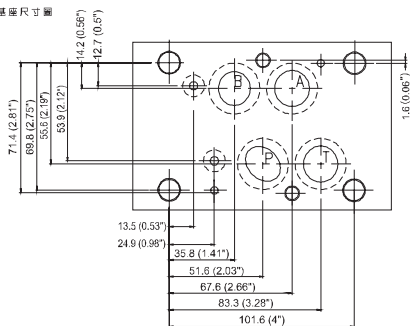
◆ DIMENSIONS 外型尺寸圖

MCV-04-P

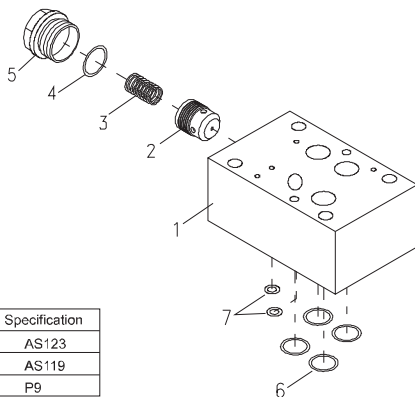


◆ Mounting Interface 基座尺寸圖

ISO 4401-AD-07-4-A



◆ PARTS LIST OF MCV-04 SERIES 零件爆炸視圖



◆ SEAL KITS 密封配件

NO	Description	Q'ty	Specification
4	O-ring	1	AS123
6	O-ring	5	AS119
7	O-ring	5	P9

CHECK MODULAR VALVES

MCV SERIES

積層型止逆閥

◆ MODEL 型 式

MCV-06



◆ FEATURES

- MCV series modular check valves can be used for all the ports including the "P" port, "T" port, "A" port, "B" port, or "W" port, etc..
- Casting iron valve bodies are provided strength and durability for longer life.
- Internal hardened steel components also provide durable life.

- 特 點
- MCV系列積層型止逆閥 P孔、T孔、A孔、B孔、W孔均可使用。
- 閥本體鑄鐵強度耐用持久性、壽命長。
- 內部硬鋼零件提高壽命。

◆ SPECIFICATIONS 規 格

Model Number 型 式 號 碼	Maximum Pressure 最大壓力 bar	Connecting PT 適 用 管 徑	Maximum Flow 最大流量 lpm	Weight 重 量 Kg
MCV-06-P, T,	315 (4500 psi)	3/4"	190 (50.19 gpm)	10.5 (23.1 lbs)
MCV-06-W, A, B				13 (28.6 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	
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.

所有螺絲皆為公制標準規格，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
MCV	06	P	1	20

1 VALVE SERIES 系列名稱

MCV=Check Modular Valves

4 SPRING PRESSURE 彈簧力

- 0.5 (bar)
- 3.5 (bar)

2 SUBPLATE MOUNTING SIZE: 板厚口徑

06= 3/4"(19mm)
ISO CETOP8
DIN NG 25
NFPA D08

5 DESIGN NO 設計編號

3 ACTION FORM 動作形式

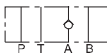
P=P Port Only



T=T Port Only



A=A Port Only



B=B Port Only

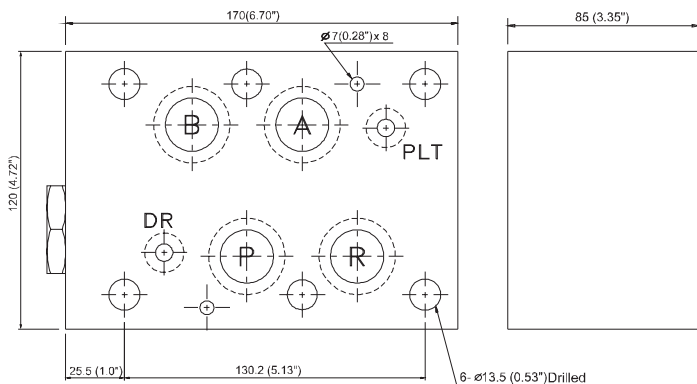


W=Relief A, B to T

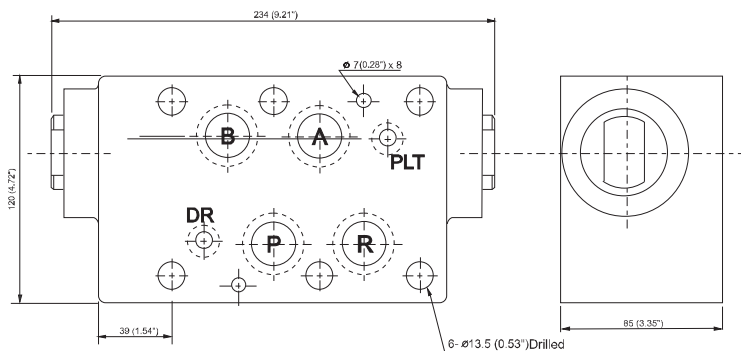


◆ DIMENSIONS 外型尺寸圖

MCV-06-P. T



MCV-06-W. A. B



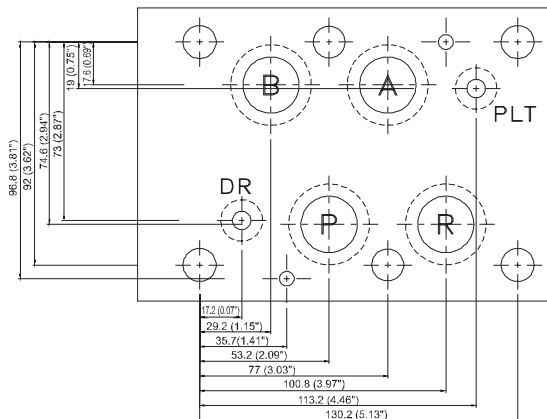
CHECK MODULAR VALVES

MCV SERIES

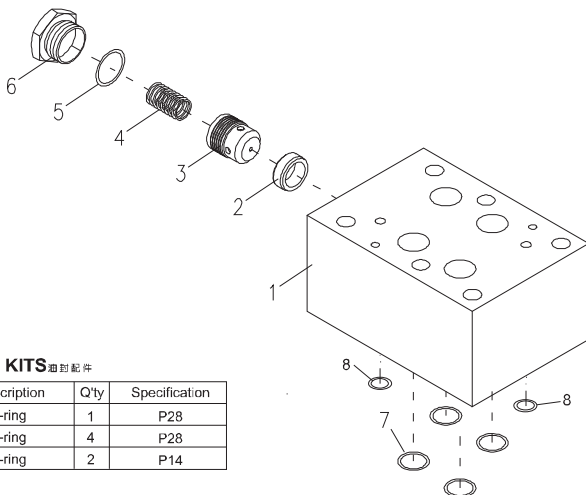
積層型止逆閥

◆ Mounting Interface 基座尺寸圖

ISO 4401-AE-08-4-A



◆ PARTS LIST OF MCV-06 SERIES 零件爆炸視圖



◆ SEAL KITS 密封配件

NO	Description	Q'ty	Specification
5	O-ring	1	P28
7	O-ring	4	P28
8	O-ring	2	P14

PILOT OPERATED CHECK MODULAR VALVES

積層型引導止逆閥

MPC SERIES

◆ MODEL 型 式 MPC-02



◆ FEATURES

- MPC series modular pilot operated check valves can be used for the "A" port or "B" port respectively, or the "A" port and "B" port jointly.
- Casting iron valve bodies are provided strength and durability for longer life.
- Internal hardened steel components also provide durable life.

- 特 點
- MPC系列積層型引導止逆閥可同時使用 A、B孔 和 A孔與B孔同時使用。
- 閥本鑄鐵結構堅實且耐用性、壽命長。
- 內部硬鋼原件提高產品壽命。

◆ SPECIFICATIONS 規 格

Model Number 型式號碼	Maximum Pressure 最大壓力 bar	Connecting PT 適用管徑	Maximum Flow 最大流量 lpm	Weight 重量 Kg
MPC-02-A, B	315 (4500 psi)	1/4"	40 (10.56 gpm)	1 (2.2 lbs)
MPC-02-W				1.2 (2.7 lbs)
MPC-02-AD, BD				1 (2.2 lbs)
MPC-02-WD				1.2 (2.7 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	
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.

所有螺絲皆為公制標準規格。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
MPC	02	W	(D)	20

1 VALVE SERIES 系列名稱

MPC=Pilot Operated Check Modular Valves

4 MAJOR-MINOR TYPE 標型

D = Pressure Relieving

D Type is optional type see page 164

D型為選配的生產參看 164頁

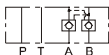
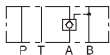
2 SUBPLATE MOUNTING SIZE: 基座口徑

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

5 DESIGN NO 設計編號

3 ACTION FORM 動作形式

A=A Port Only B=B Port Only W= A & B Port



D
MPC

PILOT OPERATED CHECK MODULAR VALVES

MPC SERIES

積層型引導止逆閥

◆ PERFORMANCE 性能

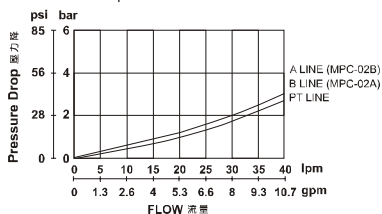
Test Conditions 測試條件

Oil Temperature 油溫度: 50°C (122°F)

Viscosity 黏度: 35 cSt (163 SSU)

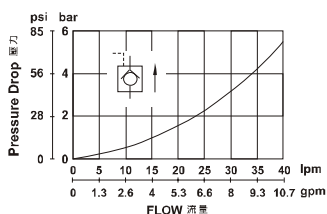
MPC-02

Pressure Drop 壓力降

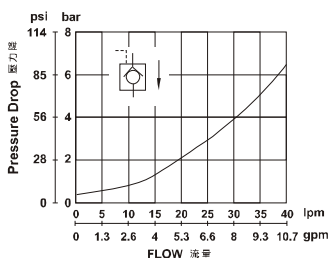


Pressure Drop (Reverse Controlled Flow)

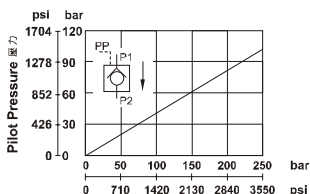
壓力降 (反向操控流量)



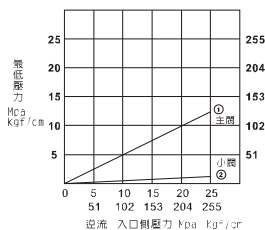
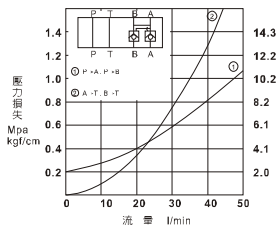
Pressure Drop (Free Flow) 壓力降 (自由流量)



Minimum Pilot Pressure 最低引導壓力



MPC-02-※D



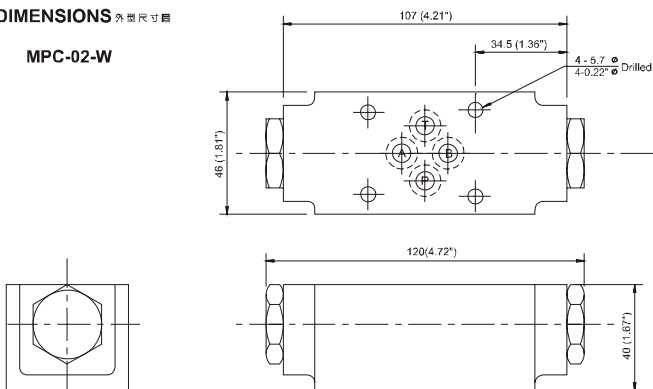
PILOT OPERATED CHECK MODULAR VALVES

稱量型引導止逆閥

MPC SERIES

◆ DIMENSIONS 外形尺寸圖

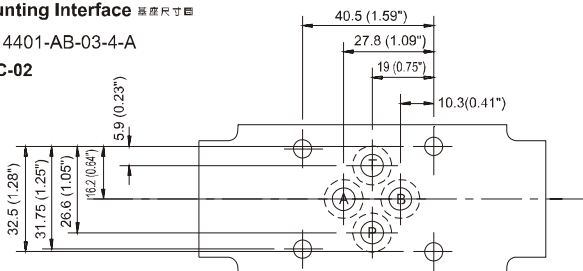
MPC-02-W



◆ Mounting Interface 安裝尺寸圖

ISO 4401-AB-03-4-A

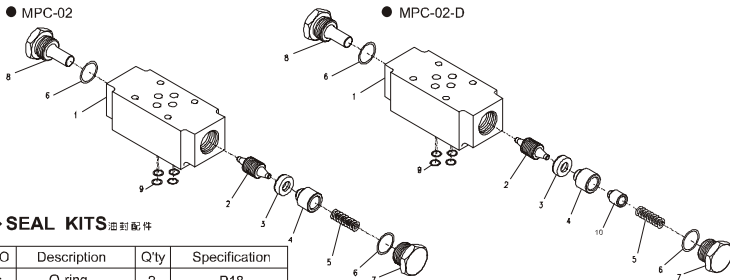
MPC-02



◆ PARTS LIST OF MPC-02 SERIES 零件爆炸視圖

● MPC-02

● MPC-02-D



◆ SEAL KITS 密封配件

NO	Description	Q'ty	Specification
6	O-ring	2	P18
9	O-ring	4	P9

D
MPC

PILOT OPERATED CHECK MODULAR VALVES

MPC SERIES

積層型引導止逆閥

◆ MODEL 型 式 MPC-03



MPC-03-D



◆ FEATURES

- MPC series modular pilot operated check valves can be used for the "A" port or the "B" port respectively, or the "A" port and the "B" port jointly.
- Casting iron valve bodies are provide strength and durability for longer life.
- Internal hardened steel components also provide longer life.

- 特 點
- MPC系列積層型引導止逆閥可同時使用 A、B 孔 和 A孔與B孔同時使用。
- 鑄本體結構強度與耐用性，壽命長。
- 內部硬鋼零件提高壽命。

◆ SPECIFICATIONS 規 格

Model Number 型式號碼	Maximum Pressure 最大壓力 bar	Connecting PT 適用管徑	Maximum Flow 最大流量 lpm	Weight 重量 Kg
MPC-03-A , B	250 (3625 psi)	3/8"	80 (21.13 gpm)	2.6 (5.7 lbs)
MPC-03-W				2.8 (6.2 lbs)
MPC-03-AD, BD	315 (4500 psi)	3/8"	120 (31.70 gpm)	3.6 (7.9 lbs)
MPC-03-WD				
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	
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
MPC	—	03	—	W
			(D)	—
				20

1 VALVE SERIES 系列名稱

MPC=Pilot Operated Check Modular Valves

4 MAJOR-MINOR TYPE 種類型

D = Pressure Relieving

D Type is optional type see page 168

D型為選配型號參考 168 頁

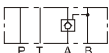
2 SUBPLATE MOUNTING SIZE: 安裝口徑

03 = 3/8"(9mm)
ISO CETOP5
DIN NG 10
NFPA D05

5 DESIGN NO 設計編號

3 ACTION FORM 動作形式

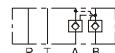
A=A Port Only



B=B Port Only



W= A & ,B Port



PILOT OPERATED CHECK MODULAR VALVES

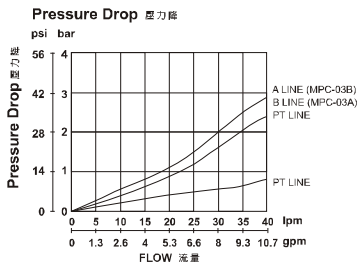
積層型引導止逆閥

MPC SERIES

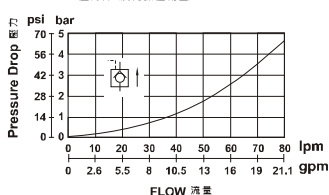
◆ PERFORMANCE 性能

Test Conditions 測試條件
Oil Temperature 油溫度: 50°C(122°F)
Viscosity 黏度: 35 cSt (163 SSU)

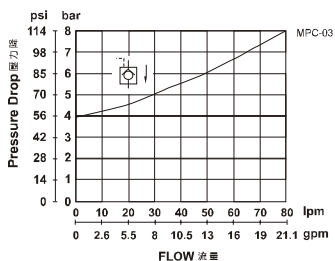
MPC-03



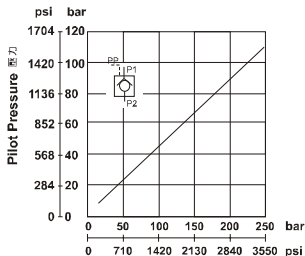
Pressure Drop (Reverse Controlled Flow)



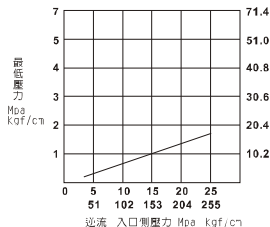
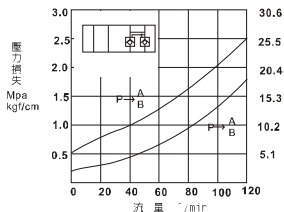
Pressure Drop (Free Flow) 壓力降(自由流量)



Minimum Pilot Pressure 最低引導壓力



MPC-03-※D



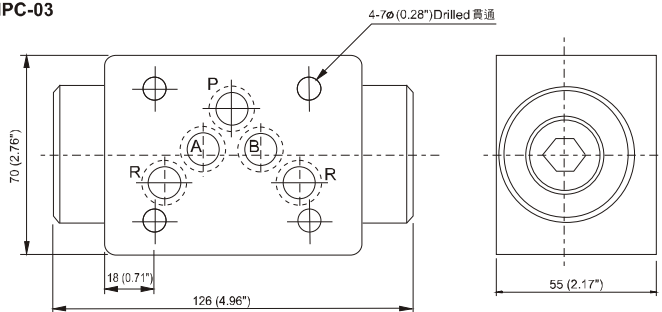
PILOT OPERATED CHECK MODULAR VALVES

MPC SERIES

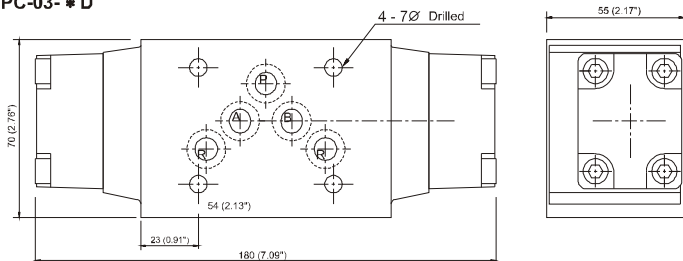
積層型引導止逆閥

◆ DIMENSIONS 外型尺寸圖

MPC-03



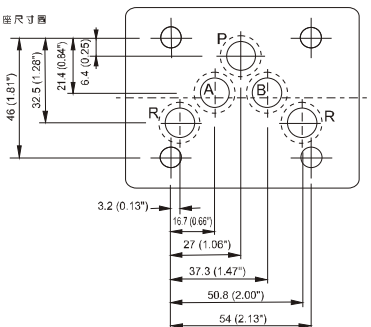
MPC-03- * D



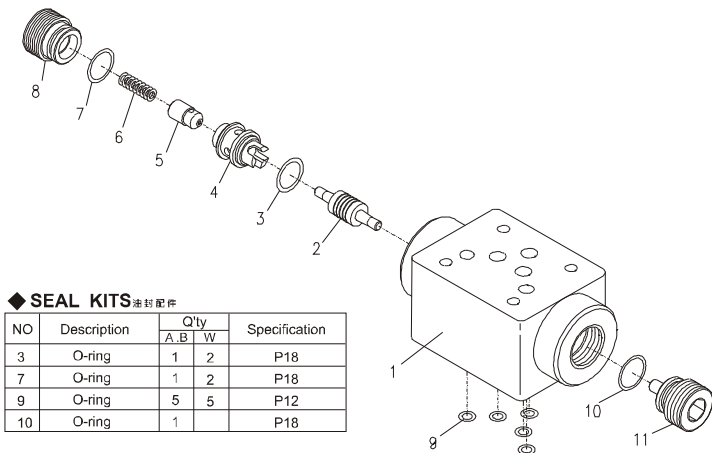
◆ Mounting Interface 基座尺寸圖

ISO 4401-AC-05-4-A

MPC-03



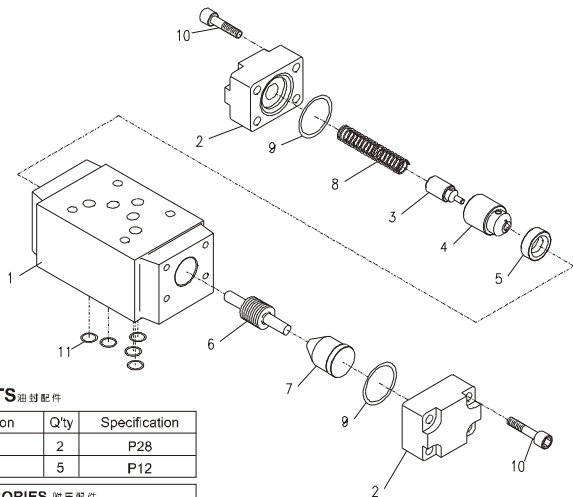
◆ PARTS LIST OF MPC-03 零件爆炸視圖



◆ SEAL KITS 油封配件

NO	Description	Q'ty		Specification
		A	B	
3	O-ring	1	2	P18
7	O-ring	1	2	P18
9	O-ring	5	5	P12
10	O-ring	1		P18

◆ PARTS LIST OF MPC-03-D 零件爆炸視圖



◆ SEAL KITS 油封配件

NO	Description	Q'ty	Specification
9	O-ring	2	P28
11	O-ring	5	P12

ACCESSORIES 附屬配件

NO	Description	Q'ty	Specification
10	HEX COUNTER-SINK SCREW	8	M6 x 1.0 x 30L

PILOT OPERATED CHECK MODULAR VALVES

MPC SERIES

積層型引導止逆閥

◆ MODEL 型 式 MPC-04



◆ FEATURES

- MPC series modular pilot operated check valves can be used for the "A" port or "B" port respectively, or the "A" port and "B" port jointly.
- Casting iron valve bodies are provided strength and durability for longer life.
- Internal hardened steel components also provide durable life.
- All the MPC-04 are release pressure type.

- 特 點
- MPC系列積層型引導止逆閥可同時使用 A、B孔 和 A孔與B孔同時使用。
- 閥本體係鑄鐵製成具剛性、壽命長。
- 內部硬鋼零件提高產品壽命。
- MPC-04 皆為釋壓型式。

◆ SPECIFICATIONS 規 格

Model Number 型式號碼	Maximum Pressure 最大壓力 bar	Connecting PT 適用管徑	Maximum Flow 最大流量 lpm	Weight 重量 Kg
MPC-04-A, B, W	315 (4500 psi)	1/2"	300 (79.25 gpm)	5.5 (12.1 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		
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寄註說明。

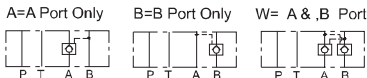
◆ HOW TO ORDER 編號說明

1	2	3	4
MPC	04	W	20

1 VALVE SERIES 系列名稱

MPC=Pilot Operated Check Modular Valves

3 ACTION FORM 動作形式

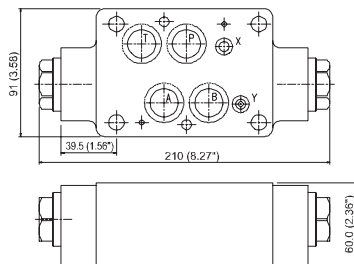


2 SUBPLATE MOUNTING SIZE: 稱呼口徑

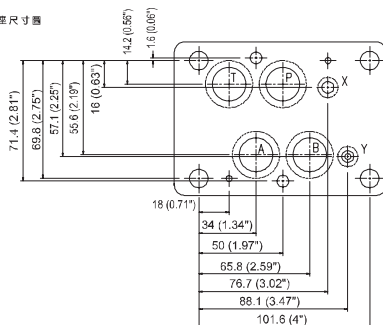
04 =1/2"(12mm)
ISO CETOP7
DIN NG 16
NFPA D07

4 DESIGN NO 設計編號

◆ DIMENSIONS 外型尺寸圖 MPC-04



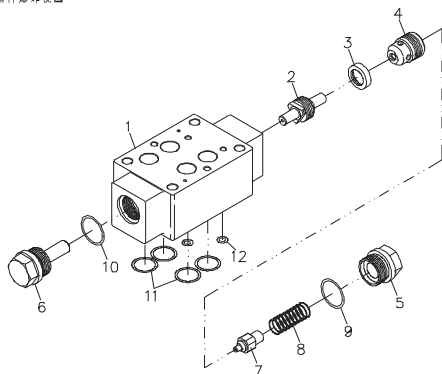
◆ Mounting Interface 基座尺寸圖 ISO 4401-AD-07-4-A



◆ PARTS LIST OF MPC-04-W 零件爆炸表圖

◆ SEAL KITS 密封配件

NO	Description	Qty			Specification
		A	B	W	
9	O-ring	1	2		AS-123
10	O-ring	1			AS-123
11	O-ring	4	4		AS-119
12	O-ring	2	2		P9



PILOT OPERATED CHECK MODULAR VALVES

MPC SERIES

積層型引導止逆閥

◆ MODEL 型 式 MPC-06



◆ FEATURES

- MPC series modular pilot operated check valves can be used for the "A" port or "B" port respectively, or the "A" port and "B" port jointly.
- Casting iron valve bodies are provided strength and durability for longer life.
- Internal hardened steel components also provide durable life.
- All the MPC-04 are release pressure type.

- 特 點
- MPC系列積層型引導止逆閥可同時使用 A、B孔, 和 A孔與B孔同時使用。
- 閥本體鑄造強度夠且持久性, 壽命長。
- 內部硬鋼零件提高產品壽命。
- MPC-06 皆為釋壓型式。

◆ SPECIFICATIONS 規 格

Model Number 型式號碼	Maximum Pressure 最大壓力 bar	Connecting PT 適用管徑	Maximum Flow 最大流量 lpm	Weight 重量 Kg
MPC-06-A, B	315 (4500 psi)	3/4"	190 (50.19 gpm)	12.5 (27.6 lbs)
MPC-06-W				13 (28.7 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		
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。

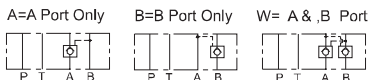
◆ HOW TO ORDER 編號說明

1	2	3	4
MPC	06	W	20

1 VALVE SERIES 系列名稱

MPC=Pilot Operated Check Modular Valves

3 ACTION FORM 動作形式



2 SUBPLATE MOUNTING SIZE: 編序口徑

06= 3/4"(19mm)
ISO CETOP8
DIN NG 25
NFPA D08

4 DESIGN NO 設計編號

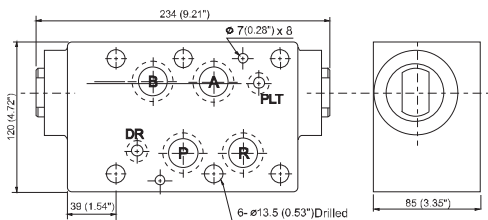
PILOT OPERATED CHECK MODULAR VALVES

積層型引導止逆閥

MPC SERIES

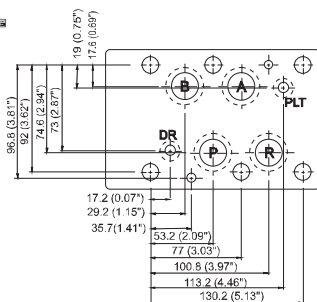
◆ DIMENSIONS 外型尺寸圖

MPC-06

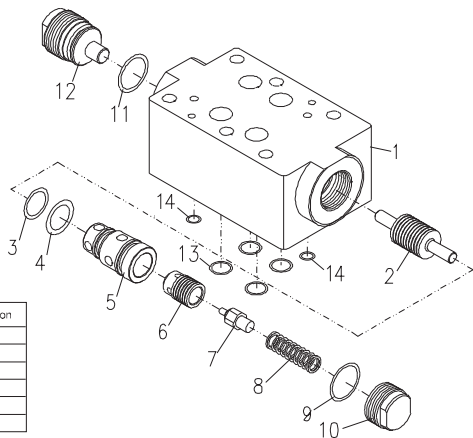


◆ Mounting Interface 基座尺寸圖

ISO 4401-AE-08-4-A



◆ PARTS LIST OF MPC-06 零件爆炸視圖



◆ SEAL KITS 密封配件

NO	Description	Qty			Specification
		A	B	W	
3	O-ring	1	2		P25.5
4	O-ring	1	2		P31.5
9	O-ring	1	2		P28
11	O-ring	1			P31.5
13	O-ring	4	4		P28
14	O-ring	2	2		P14

D
MPC

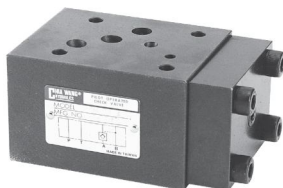
PILOT OPERATED CHECK MODULAR VALVES

MPCH SERIES

積層型引導止逆閥

◆ MODEL 型 式

MPCH-03A



◆ FEATURES

- MPCH series modular pilot operated check valves can be used for the "A" port.
- Casting iron valve bodies are provided strength and durability for longer life.
- Internal hardened steel components also provide durable life.
- MPCH series can be used to combine with MRB_03 series to ensure correctly safe positioning of the spindle head of working machine.
- 特 點
- MPCH 系列積層型引導止逆閥均可使用 A 孔。
- 閥本體鑄鐵強度好且耐久性、壽命長。
- 內部硬質鋼零件提高產品壽命。
- MPCH 可與 MRB-03 配合，可使工作母機主軸獲得良好的安全定位。

◆ SPECIFICATIONS 規 格

Model Number 型式號碼	Maximum Pressure 最大壓力 bar	Connecting PT 通用管徑	Maximum Flow 最大流量 lpm	Weight 重量 Kg
MPCH-03A	250 (3625 psi)	3/8"	80 (21.1 gpm)	3.6 (7.9 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		
Surface Treatment 表面處理		Zinc Phosphate Compound 銦 磷酸鹽 化合物		

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

所有螺絲皆為公制標準規格品，若需要英制螺絲請另外備註說明。

◆ HOW TO ORDER 編號說明

1	2	3	4
MPCH	03	A	20

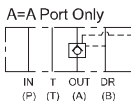
1 VALVE SERIES 系列名稱

MPCH= Pilot Operated Check Modular Valves

2 SUBPLATE MOUNTING SIZE: 端面孔徑

03 = 3/8"(9mm)
ISO CETOP5
DIN NG 10
NFPAD05

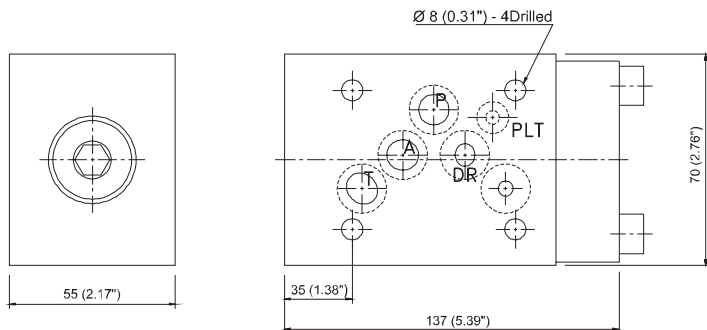
3 CONTROL PORT(S) 動作形式



4 DESIGN NO 設計編號

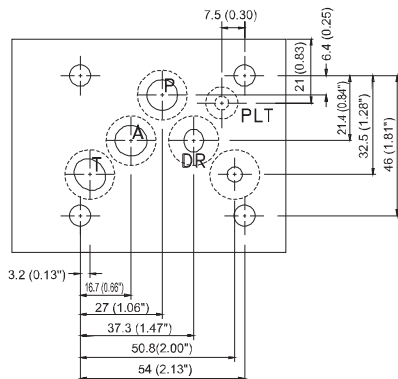
◆ DIMENSIONS 外型尺寸圖

MPCH-03-A



◆ Mounting Interface 基座尺寸圖

ISO 4401-AC-05-4-A



SOLENOID OPERATED CHECK MODULAR VALVES

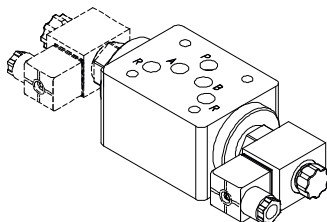
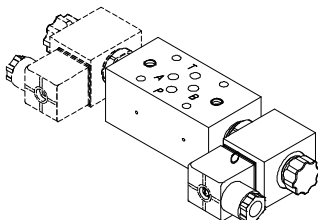
積層型電磁止逆閥

MSC SERIES

◆ MODEL 型 式

MSC-02-W

MSC-03-W



◆ SPECIFICATIONS 規 格

Model Number 型式號碼	Maximum Pressure 最大壓力 bar	Connecting PT 適用管徑	Maximum Flow 流量 lpm	Weight 重量 Kg
MSC-02-A,B	350 (5075 psi)	1/4"	40 (10.57 gpm)	1.6 (3.53 lbs)
MSC-02-W				2 (4.41 lbs)
MSC-03-A,B		3/8"	75 (19.82 gpm)	2.8 (6.17 lbs)
MSC-03-W				3.3 (7.28 lbs)
Fluid Type 液體型式		ISO VG 32,46,68		
Viscosity 黏性 cSt		10~400 (59~1854SSU)		
Operating Temperature 操作溫度 °C		-15~70 (-5~158°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.

所有螺絲皆為公制標準規格，若需要英制螺絲請另外備註說明。

◆ HOW TO ORDER 編號說明

1	2	3	4	5
MSC	02	W	**	*

1 VALVE SERIES 系列名稱

MSC= Solenoid Operated Check Modular Valves

積層型電磁止逆閥

2 SUBPLATE MOUNTING SIZE 板厚口徑

02=1/4"(6mm)	03=3/8"(9mm)
ISO CETOP3	ISO CETOP5
DIN NG 6	DIN NG 10
NFPA D03	NFPA D05

3 CONTROL PORT(S) 動作形式

A=A Port Only



B=B Port Only



W=A & B Port



4 TYPE OF COIL 電磁閥電磁線圈類型

A1: 110 V RAC D1: 12 VDC

A2: 220 V RAC D2: 24 VDC

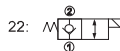
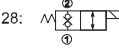
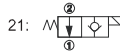
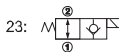
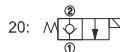
5 CONTROL WAY 控制方式

Please consider another control methods of Chia Wang's cartridge valves and spool.

[http://www.chia-wang.com/\(VSV SERIES\)](http://www.chia-wang.com/(VSV SERIES))

其它控制方式請參考王笛式閥核心資料。

[http://www.chia-wang.com/\(VSV 系列\)](http://www.chia-wang.com/(VSV 系列))



D
MSC

SOLENOID OPERATED CHECK MODULAR VALVES

MSC SERIES

積層型電磁止逆閥

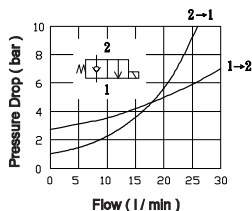
◆ PERFORMANCE 性能圖

Test Conditions 測試條件

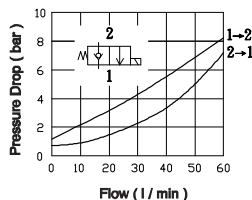
Oil Temperature 油溫度: 50°C (122°F)

Viscosity 黏度: 35 cSt (163 SSU)

MSC-02-W

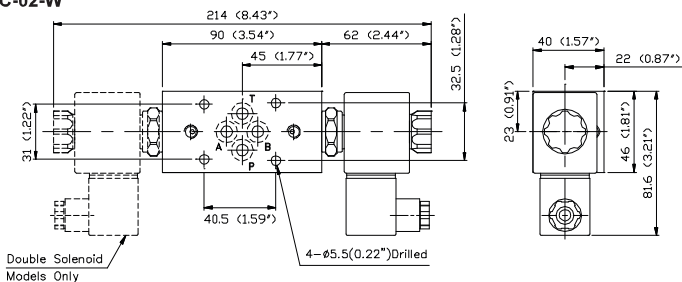


MSC-03-W



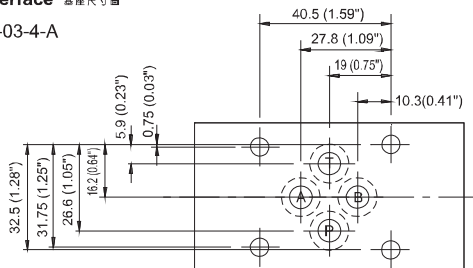
◆ DIMENSIONS 外型尺寸圖

MSC-02-W



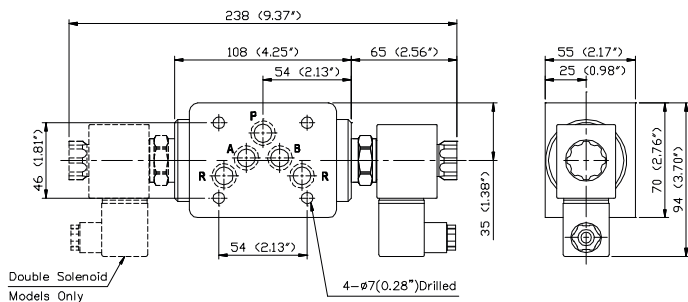
◆ Mounting Interface 基座尺寸圖

ISO 4401-AB-03-4-A



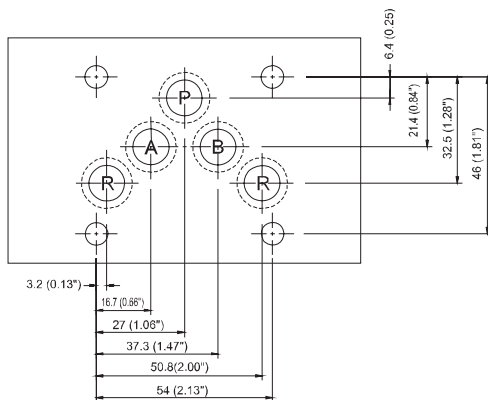
◆ DIMENSIONS 外形尺寸圖

MSC-03-W



Mounting Interface 基座尺寸圖

ISO 4401-AC-05-4-A



PILOT OPERATED CHECK VALVES

引導式止逆閥

PSL SERIES

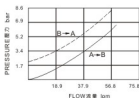
◆ MODEL 型 式

PSL-03G-30



◆ PERFORMANCE 特性曲線

(Cartridge Only)



◆ SPECIFICATIONS 規 格

Model Number 型 式 號	Operating Pressure 操作壓力 bar	Pilot Ratio 導壓比 %		Flow 流量 lpm	Weight 重量 Kg
		Secondary valve 小閥	Main valve 大閥		
PSL-03G-30	250 (3625 psi)	3%	31%	60 (15.85 gpm)	3 (6.61 lbs)
Fluid Type 液體形式				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				β _{0.5} ≥ 75, Under NAS Class 12, 25μ	

◆ HOW TO ORDER 編號說明

1	2	3	4
PSL	03	*	30

1 VALVE SERIES 系列名稱

PSL = PILOT OPERATED CHECK VALVES
引導式止逆閥

2 PORTING 接口

03 = 3/8" (9mm)
ISO CETOP5
DIN NG 10
NFPA D05

3 CONNECTING TYPE 連接型式

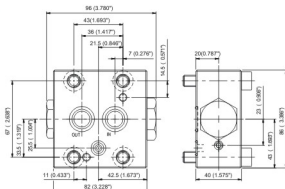
G-TYPE BASEPLATE MOUNTING TYPE
(板式連接)



4 DESIGN NO 設計編號

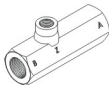
◆ CONTROL PORT(S) 操作形式

◆ DIMENSIONS 外型尺寸圖



◆ MODEL 型 式

PH-120



◆ SPECIFICATIONS 規 格

Model Number 型 式 號碼	Maximum Pressure 最大壓力 bar	Pilot Ratio 引壓比例	Maximum Flow 最大流量 lpm	Weight 重 量 Kg
PH-120	500 (7251 psi)	10:1	55 (14.52 gpm)	0.6 (1.3 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		$\beta_{10} \geq 75$, Under NAS Class 12, 25 μ		

◆ HOW TO ORDER 編號說明

1	2
PH	120

1 VALVE SERIES 系列名稱

PH= Pilot Operated Check Valves
引 導 式 止 回 閥

2 SUBPLATE MOUNTING SIZE 板安裝

120=G 1/2"

◆ CONTROL PORT(S) 控制口形式



◆ DIMENSIONS 外型尺寸圖

