

THROTTLE WITH CHECK MODULAR VALVES

止逆節流閥

MCT SERIES

◆ MODEL 型 式

MCT-02P



◆ FEATURES

- MCT series modular control restrictors 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
- MCT 系列節流型止逆節流閥均可使用 P 孔。
- 閥本體鑄鐵強度夠且耐久，壽命長。
- 內置硬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 Kg
MCT-02-P	250 (3625 psi)	1/4"	50 (13.21 gpm)	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
MCT	02	P	20

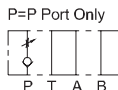
1 VALVE SERIES 系列名稱

MCT=Throttle With Check Modular Valves

2 SUBPLATE MOUNTING SIZE: 端口口徑

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

3 CONTROL PORT(S) 動作形式



4 DESIGN NO 設計編號

C
MCT

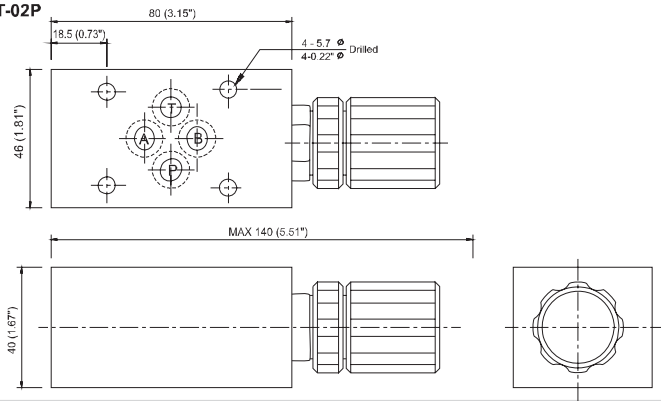
THROTTLE WITH CHECK MODULAR VALVES

MCT SERIES

止逆節流閥

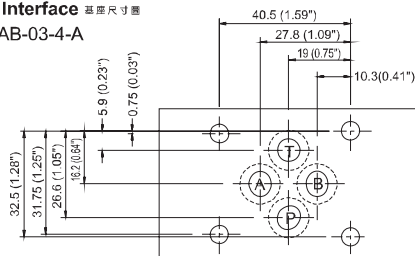
◆ DIMENSIONS 外形尺寸圖

MCT-02P



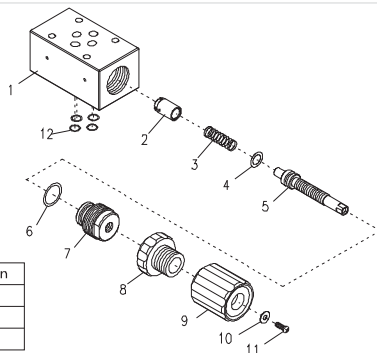
◆ Mounting Interface 基座尺寸圖

ISO 4401-AB-03-4-A



◆ PARTS LIST OF MCT-02P

零件爆炸視圖



◆ SEAL KITS 密封配件

NO	Description	Q'ty	Specification
4	O-ring	1	P10
6	O-ring	1	P16
12	O-ring	4	P9

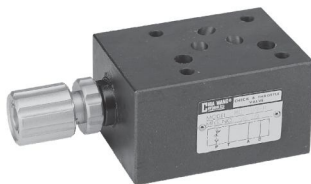
THROTTLE WITH CHECK MODULAR VALVES

止逆節流閥

MCT SERIES

◆ MODEL 型 式

MCT-03P



◆ FEATURES

- MCT series modular control restrictors 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

- MCT 系列精壓型止逆節流閥均可使用 P 孔。
- 閥本體精壓強度優異且持久性、壽命長。
- 內部鑄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
MCT-03-P	250 (3625 psi)	3/8"	100 (26.4 gpm)	2.6 (16.5 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
MCT	03	P	20

1 VALVE SERIES 系列名稱

MCT=Throttle With Check Modular Valves

3 CONTROL PORT(S) 動作形式

P=P Port Only



2 SUBPLATE MOUNTING SIZE: 插口徑

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

4 DESIGN NO 設計編號

C
MCT

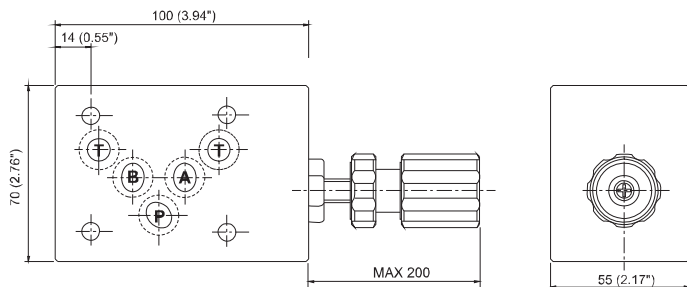
THROTTLE WITH CHECK MODULAR VALVES

MCT SERIES

止逆節流閥

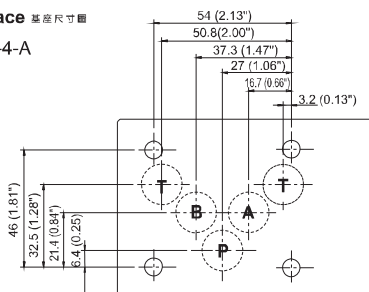
◆ DIMENSIONS 外型尺寸圖

MCT-03-P



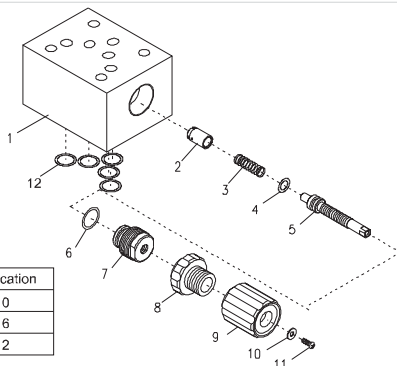
◆ Mounting Interface 基座尺寸圖

ISO 4401-AC-05-4-A



◆ PARTS LIST OF MCT-03

零件爆炸視圖



◆ SEAL KITS 密封配件

NO	Description	Qty	Specification
4	O-ring	1	P10
6	O-ring	1	P16
12	O-ring	5	P12

SOLENOID FLOW CONTROL VALVES

MHF SERIES

電磁流量閥

◆ MODEL 型 式

MHF-02



◆ FEATURES

- MHF series pressure temperature compensated solenoid flow control valves can be used for the "P" port, "T" port, or "A" port.
- Casting iron valve bodies are provided strength and durability for longer life.
- Internal hardened steel components also provide durable life.
- Two flow adjustment options are: hex. screw or knob.

- 特 點
- MHF 系列定額式電磁(附壓力溫度補償)均可使用 P 孔、T 孔、A 孔。
- 閥本體鑄造堅固且耐久性、壽命長。
- 內部硬質鋼零件提高產品壽命。
- 六角螺絲或把手兩種流量調整選擇。

◆ SPECIFICATIONS 規 格

Model Number 型式號碼	Maximum Pressure 最大壓力 bar	Connecting PT 適用管徑	Adjustment Flow 調整流量範圍 L/M	Maximum Flow 最大流量 lpm	Weight 重量 Kg
MHF-02-✱-20	70 (1000 psi)	1/4"	0.1 ~ 4	20 (5.28 gpm)	2.5 (5.5 lbs)
MHF-02-✱-10	250 (3525 psi)		0 ~ 35	35 (9.25 gpm)	1.3 (2.9 lbs)
MHF-02-✱-30	250 (3625 psi)		0.1 ~ 35	35 (9.25 gpm)	2.0 (4.4 psi)
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		

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◆ HOW TO ORDER 編號說明

1	2	3	4	5
MHF	02	*	**	20

1 VALVE SERIES 系列名稱

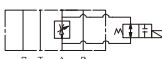
MHF= Solenoid Flow Control Valves

2 SUBPLATE MOUNTING SIZE: 稱呼口徑

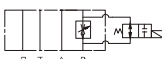
02 = 1/4" (6mm)
ISO CETOP3
DIN NG 6
NFPA D03

3 CONTROL PORT(S) 動作形式

A=A Port Only



B=B Port Only



4 TYPE OF COIL 電磁線圈類型

A1:AC110 D1:DC12

A2:AC220 D2:DC24

5 DESIGN NO 設計編號

20 : Pressure temperature compensation is provided.
附壓力溫度補償

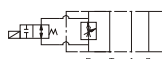
10 : Pressure temperature compensation is not provided.
不附壓力溫度補償

30 : Pressure temperature compensation is provided.
附壓力溫度補償

T=T Port Only



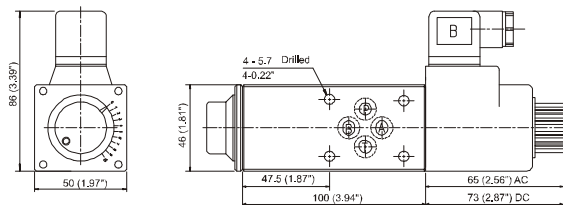
P=P Port Only



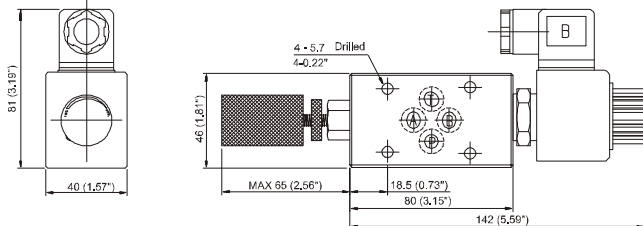
◆ DIMENSIONS 外型尺寸圖

MHF-02-A-20 / MHF-02-T-20 / MHF-02-P-20

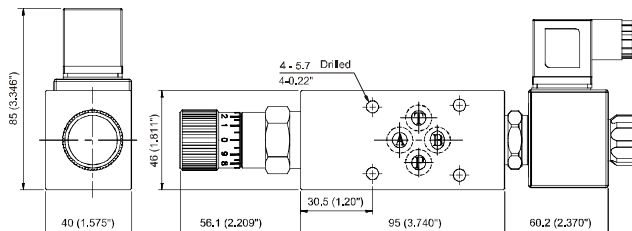
- NOTE: MHF-02-A-20 Coil at B side. 注意: MHF-02-A-20 線圈在 B 側。



MHF-02-A-10 / MHF-02-B-10/ MHF-02-T-10 / MHF-02-P-10

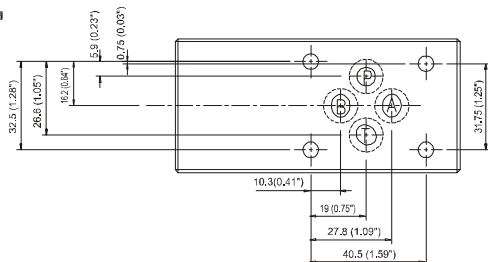


MHF-02-A-30 / MHF-02-B-30/ MHF-02-T-30 / MHF-02-P-30



◆ Mounting Interface 安裝尺寸圖

ISO 4401-AB-03-4-A



SOLENOID FLOW CONTROL VALVES

MHF SERIES

電磁流量閥

◆ MODEL 型 式 MHF-03



◆ FEATURES

- MHF series pressure temperature compensated solenoid flow control valves can be used for the "P" port, "T" port, or "A" port.
- Casting iron valve bodies are provided strength and durability for longer life.
- Internal hardened steel components also provide durable life.
- Two flow adjustment options are: hex. screw or knob.

- 特 點
- MHF 系列電磁流量閥(附壓力溫度補償)均可使用 P 孔、T 孔、A 孔。
- 閥本結構堅強耐用且持久性、壽命長。
- 內部硬鋼零件提高產品壽命。
- 六角螺絲或把手兩種流量調整選擇。

◆ SPECIFICATIONS 規 格

Model Number 型式號碼	Maximum Pressure 最大壓力 bar	Connecting PT 適用管徑	Adjustment Flow 調整流量範圍 L/M	Maximum Flow 最大流量 lpm	Weight 重量 Kg
MHF-03-✱-20	70 (1000 psi)	3/8"	0.1 ~ 4	50 (13.2 gpm)	2.3 (5.1 lbs)
MHF-03-✱-10	210 (3046 psi)		0 ~ 35	40 (10.56 gpm)	2.3 (5.1 lbs)
MHF-03-✱-30	250 (3625 psi)		0.1 ~ 30	70 (18.49gpm)	3 (6.6 psi)
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		

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◆ HOW TO ORDER 編號說明

1	2	3	4	5
MHF	— 03 —	* —	* —	20

1 VALVE SERIES 系列名稱

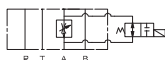
MHF= Solenoid Flow Control Valves

2 SUBPLATE MOUNTING SIZE: 接口直徑

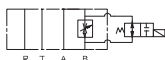
03 = 3/8"(9mm)
ISO CETOP5
DIN NG 10
NFPA D05

3 CONTROL PORT(S) 動作形式

A=A Port Only



B=B Port Only



4 TYPE OF COIL 電磁線圈類型

A1:AC110 D1:DC12

A2:AC220 D2:DC24

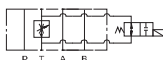
5 DESIGN NO 設計編號

20 : Pressure temperature compensation is provided.
附壓力溫度補償

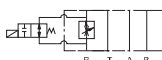
10 : Pressure temperature compensation is not provided.
不附壓力溫度補償

30 : Pressure temperature compensation is provided.
附壓力溫度補償

T=T Port Only

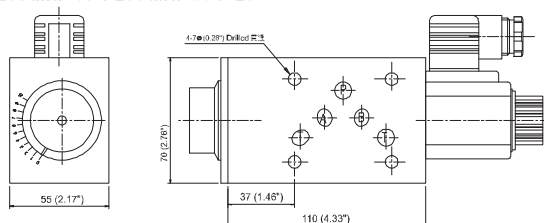


P=P Port Only

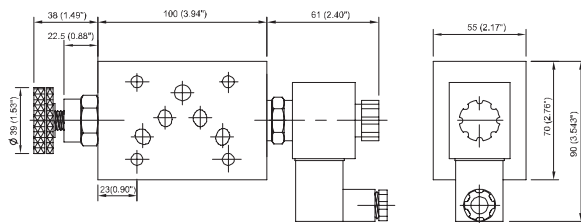


◆ DIMENSIONS 外型尺寸圖

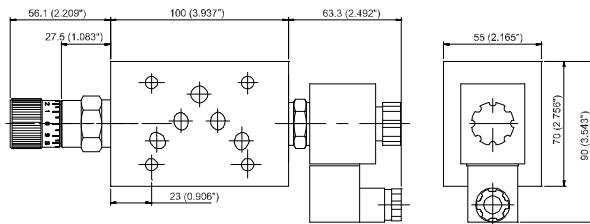
MHF-03-A-20 / MHF-03-T-20 / MHF-03-P-20



MHF-03-A-10 / MHF-03-B-10/ MHF-03-T-10 / MHF-03-P-10

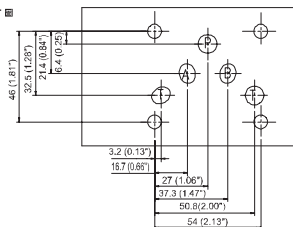


MHF-03-A-30 / MHF-03-B-30/ MHF-03-T-30 / MHF-03-P-30



◆ Mounting Interface 基座尺寸圖

ISO 4401-AC-05-4-A



PRESSURE TEMPERATURE COMPENSATED FLOW CONTROL VALVES

積層型節流閥附壓力溫度補償

MOCF SERIES

◆ MODEL 型 式 MOCF-02W



◆ FEATURES

- MOCF series pressure temperature compensated flow control 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
- MOCF 系列積層型節流閥耐壓力溫度補償均可使用 A 孔、B 孔和 A&B 孔同時使用。
- 閥本體鑄鐵強度夠且耐久性、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	Control Flow 控制流量 lpm	Weight 重量 Kg
MOCF-02- A, B	250 (3625 psi)	1/4"	0.3~20(Δ P: 70bar) 0.5~20(Δ P: 210bar)	1.2 (2.7 lbs)
MOCF-02-W				3.4 (7.5 lbs)
MOCF-02- A1, B1				1.2 (2.7 lbs)
MOCF-02-W1				3.4 (7.5 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	

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◆ HOW TO ORDER 編號說明

1	2	3	4	5
MOCF	02	W	1	20

1 VALVE SERIES 系列名稱
MOCF= Modular Throttle Valves

3 CONTROL PORT(S) 動作形式

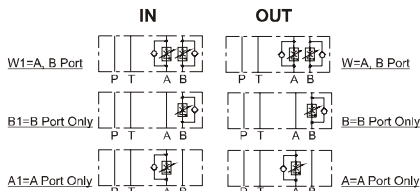
2 SUBPLATE MOUNTING SIZE: 板厚口徑

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

4 ORIENTATION 動作方向

NONE : OIL OUT 無回油控制
1 : OIL IN 1 入油控制

5 DESIGN NO 設計編號



C
MOCF

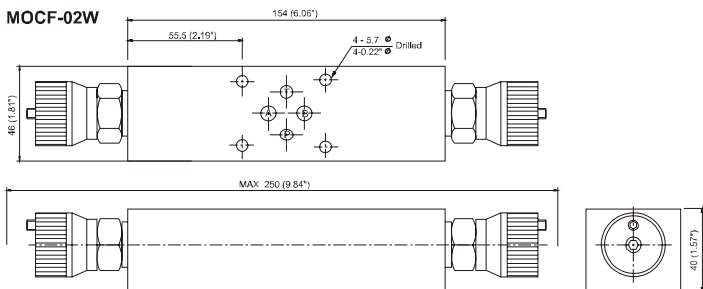
PRESSURE TEMPERATURE COMPENSATED FLOW CONTROL VALVES

MOCF SERIES

精量型節流閥附壓力溫度補償

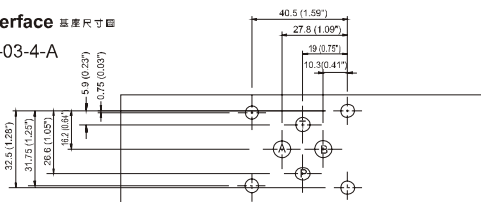
◆ DIMENSIONS 外型尺寸圖

MOCF-02W



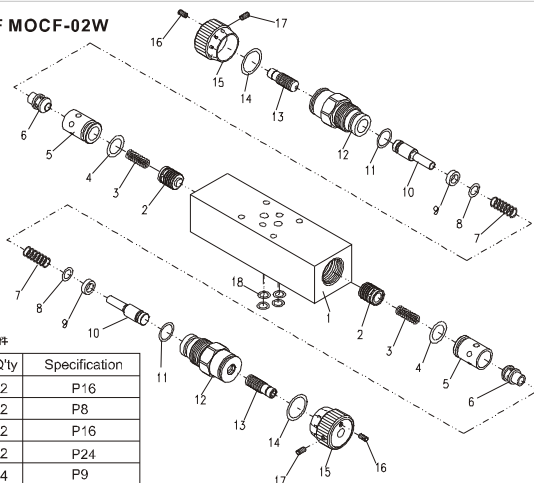
◆ Mounting Interface 基座尺寸圖

ISO 4401-AB-03-4-A



◆ PARTS LIST OF MOCF-02W

零件爆炸視圖



◆ SEAL KITS 密封配件

NO	Description	Q'ty	Specification
4	O-ring	2	P16
8	O-ring	2	P8
11	O-ring	2	P16
14	O-ring	2	P24
18	O-ring	4	P9

PRESSURE TEMPERATURE COMPENSATED FLOW CONTROL VALVES

積層型節流閥附壓力溫度補償

MOCF SERIES

◆ MODEL 型 式 MOCF-03W



◆ FEATURES

- MOCF series pressure temperature compensated flow control 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
- MOCF 系列積層型節流閥附壓力溫度補償均可使用 A 孔、B 孔和 A/B 孔同時使用。
- 閥本體鑄鐵強度耐用持久，壽命長。
- 內部硬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	Control Flow 控制流量 lpm	Weight 重量 Kg
MOCF-03- A, B	250 (3625 psi)	3/8"	0.5~60(△P: 70bar) 1~60(△P: 250bar)	4.6 (10.1 lbs)
MOCF-03-W				5 (11.0 lbs)
MOCF-03- A1, B1				4.6 (10.1 lbs)
MOCF-03-W1				5 (11.0 lbs)
Fluid Type 液體型式			ISO VG 32 , 46 , 68	
Viscosity 黏性 cSt			10~400 (59~1854 SSU)	
Operating Temperature 運作溫度 °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	

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◆ HOW TO ORDER 編號說明

1	2	3	4	5
MOCF	03	W	1	20

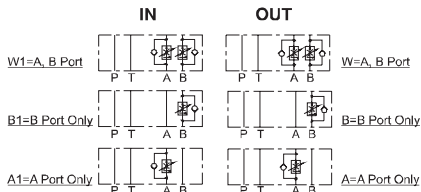
1 VALVE SERIES 系列名稱
MOCF= Modular Throttle Valves

3 CONTROL PORT(S) 動作形式

2 SUBPLATE MOUNTING SIZE: 換嘴口徑
03 = 3/8"(9mm)
ISO CETOP5
DIN NG 10
NFPA D05

4 ORIENTATION 動作方向
NONE : OIL OUT 無回油控制
1 : OIL IN 1 : 入油控制

5 DESIGN NO 設計編號



C
MOCF

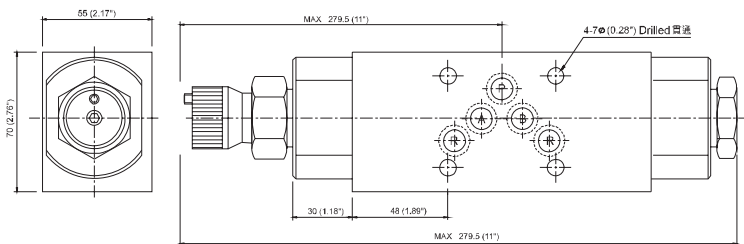
PRESSURE TEMPERATURE COMPENSATED FLOW CONTROL VALVES

MOCF SERIES

精密型節流閥附壓力溫度補償

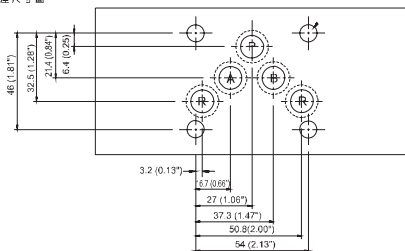
◆ DIMENSIONS 外型尺寸圖

MOCF-03-A



◆ Mounting Interface 底座尺寸圖

ISO 4401-AC-05-4-A

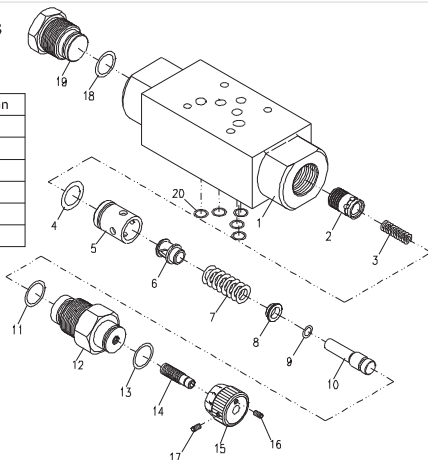


◆ PARTS LIST OF MOCF-03-B

零件爆炸視圖

◆ SEAL KITS 密封配件

NO	Description	Q'ty	Specification
4	O-ring	1	P20
9	O-ring	1	P9
11	O-ring	1	P22
13	O-ring	1	P21
18	O-ring	1	P22
20	O-ring	5	P12



PRESSURE TEMPERATURE COMPENSATED FLOW CONTROL VALVES

MOF SERIES

精密型節流閥附壓力溫度補償

◆ MODEL 型 式

MOF-02-P



◆ FEATURES

- MOF series pressure temperature compensated flow control 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
- MOF 系列精密型節流閥附壓力溫度補償可運用 P 孔。
- 閥本體鑄鐵強度與壽命持久性，壽命長。
- 內部硬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	Control Flow 控制流量 lpm	Weight 重 量 Kg
MOF-02-P	250 (3625 psi)	1/4"	0.1~20(Δ P: 70bar) 0.3~20(Δ P: 210bar)	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。

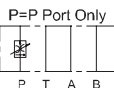
◆ HOW TO ORDER 編號說明

1	2	3	4
MOF	02	P	20

1 VALVE SERIES 系列名稱

MOF= Pressure Temperature Compensated Flow Control Valves

3 CONTROL PORT(S) 動作形式



2 SUBPLATE MOUNTING SIZE: 銅呎口徑

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

4 DESIGN NO 設計編號

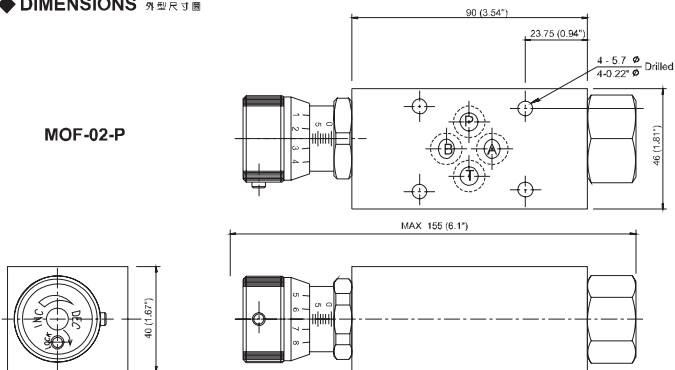
PRESSURE TEMPERATURE COMPENSATED FLOW CONTROL VALVES

積層型節流閥附壓力溫度補償

MOF SERIES

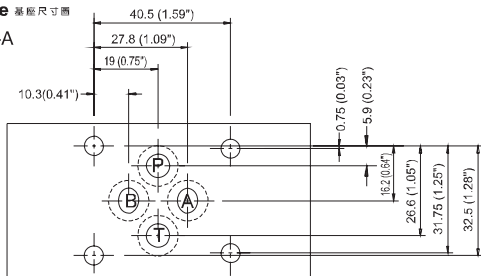
◆ DIMENSIONS 外型尺寸圖

MOF-02-P



◆ Mounting Interface 基座尺寸圖

ISO 4401-AB-03-4-A

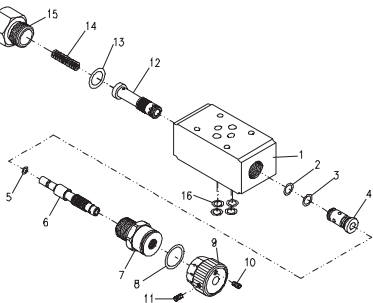


◆ PARTS LIST OF MOF-02-P

零件爆炸圖

◆ SEAL KITS 油封配件

NO	Description	Qty	Specification
2	O-ring	1	P9
3	O-ring	1	P9
5	O-ring	1	P4
8	O-ring	1	P21
13	O-ring	1	P18
16	O-ring	4	P9

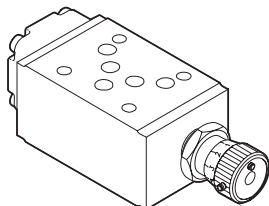


PRESSURE TEMPERATURE COMPENSATED FLOW CONTROL VALVES

MOF SERIES

積層型節流閥附壓力溫度補償

◆ MODEL 型 式 MOF-03-P



◆ FEATURES

- MOF series pressure temperature compensated flow control 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
- MOF 系列積層型節流閥附壓力溫度補償可運用 P 孔。
- 鐵本體鑄造強度與壽命較久，壽命長。
- 內部硬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	Control Flow 控制流量 lpm	Weight 重量 Kg
MOF-03-P	250 (3625 psi)	3/8"	0.3~60(Δ P: 70bar) 0.5~60(Δ P: 250bar)	3.1 (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	
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。

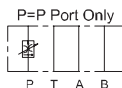
◆ HOW TO ORDER 編號說明

1	2	3	4
MOF	03	P	20

- 1 VALVE SERIES** 系列名稱
 MOF= Pressure Temperature Compensated Flow Control Valves

- 2 SUBPLATE MOUNTING SIZE:** 銅母口徑
 03 = 3/8"(9mm)
 ISO CETOP5
 DIN NG 10
 NFPA D05

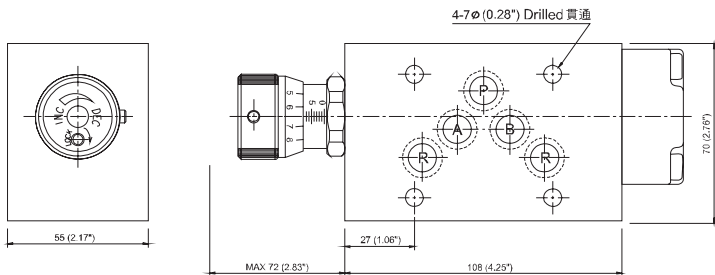
- 3 CONTROL PORT(S)** 動作形式



- 4 DESIGN NO** 設計編號

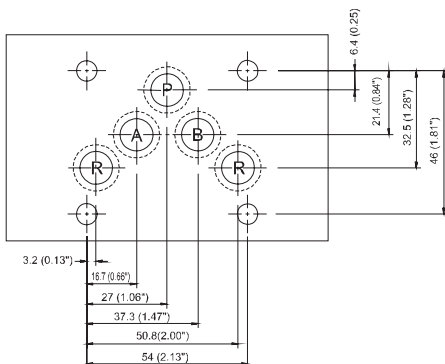
◆ DIMENSIONS 外形尺寸圖

MOF-03-P

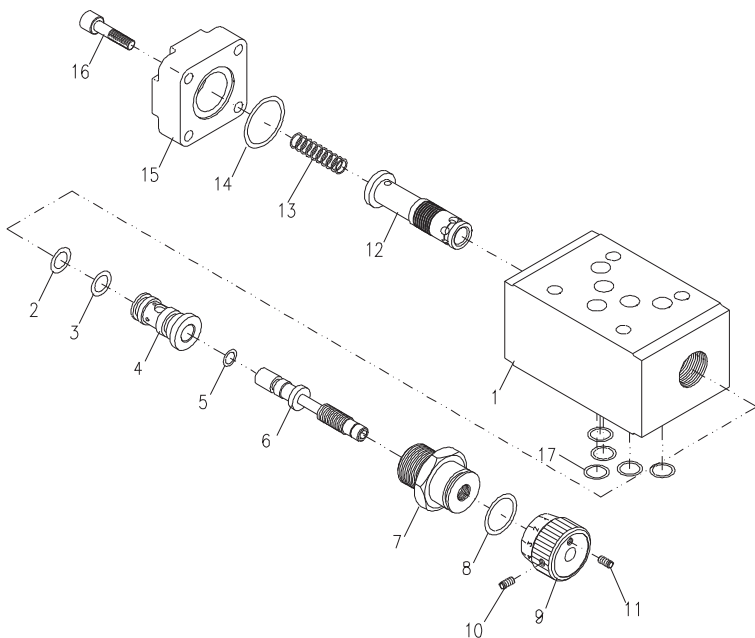


◆ Mounting Interface 基座尺寸圖

ISO 4401-AC-05-4-A



◆ PARTS LIST OF MOF-03-P 零件爆炸視圖



◆ SEAL KITS 密封配件

NO	Description	Q'ty	Specification
2	O-ring	1	P12
3	O-ring	1	P12
5	O-ring	1	P7
8	O-ring	1	P21
14	O-ring	1	P26
17	O-ring	5	P12

ACCESSORIES 附屬配件

10	HEX. COUNTER-SINK SCREW	8	M6 x 1.0 x 30L
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THROTTLE MODULAR VALVES

MT SERIES

稱量型節流閥

◆ MODEL 型 式 MT-02P



◆ FEATURES

- MT series modular flow control valves can be used for the "P" port, "T" port, "A" port or "B" port respectively, or the "A" port and the "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
- MT 系列稱量型流量閥均可使用 P 孔、T 孔、A 孔、B 孔和 A 與 B 孔同時使用。
- 鑄本體結構堅實耐用且持久性、壽命長。
- 內部更堅硬零件提高產品壽命。

◆ 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
MT-02-P, T	250 (3625 psi)	1/4"	50 (13.20 gpm)	1.2 (2.7 lbs)
MT-02-W				1.3 (2.9 lbs)
MT-02-C			20 (5.29 gpm)	1.4 (3.1 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
MT	02	P	K	20

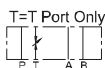
1 VALVE SERIES 系列名稱
MT=Throttle Modular Valves

4 SHAPE 調整部形狀
NONE TOOLADJUST 無：工具調整式
K:HAND-BAR ADJUST K：手調槓墊式
(C Series without K Shape) (C系列無手調槓墊式)

2 SUBPLATE MOUNTING SIZE: 稱呼口徑
02 = 1/4"(6mm)
ISO CETOP3
DIN NG 6
NFPA D03

5 DESIGN NO 設計編號

3 CONTROL PORT(S) 動作形式



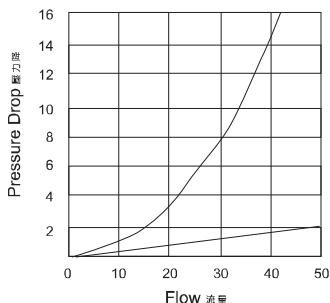
◆ PERFORMANCE 性能

Test Conditions 測試條件

Oil Temperature 油溫度: 50°C (122°F)

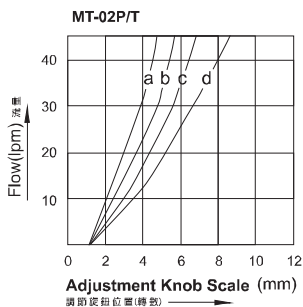
Viscosity 黏度: 35 cSt (163 SSU)

PRESSURE DROP 壓力降



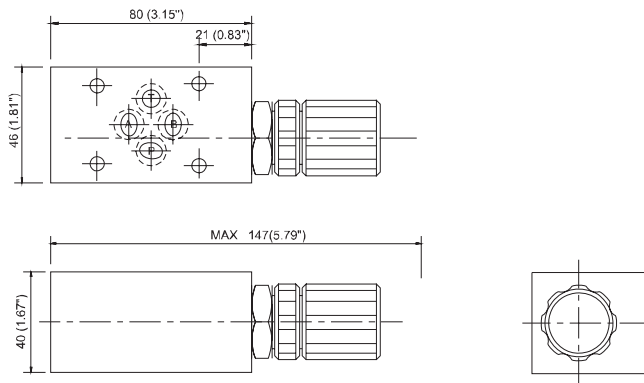
Flow vs. Turns From Closed

流量與調節旋鈕比



◆ DIMENSIONS 外型尺寸圖

MT-02-P, T



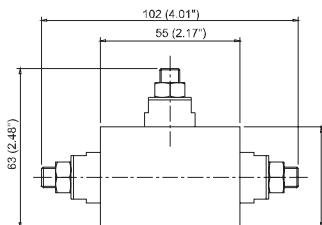
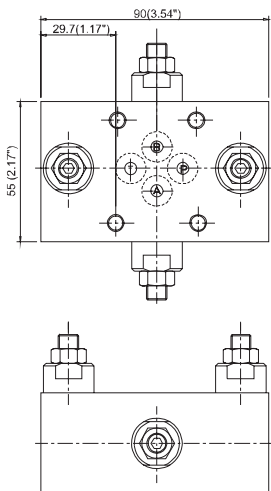
THROTTLE MODULAR VALVES

MT SERIES

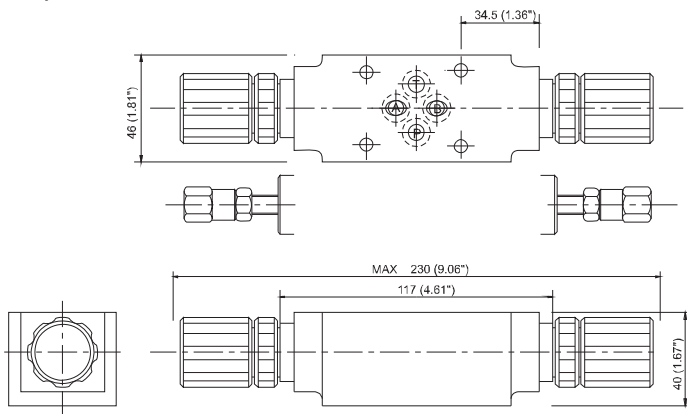
稱量型節流閥

◆ DIMENSIONS 外型尺寸圖

MT-02-C

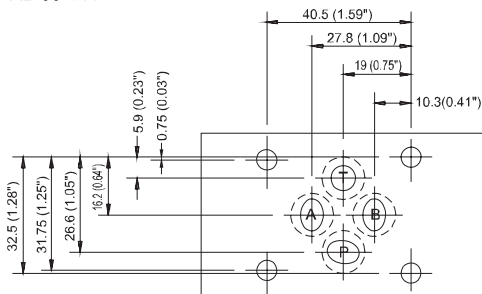


MT-02-W

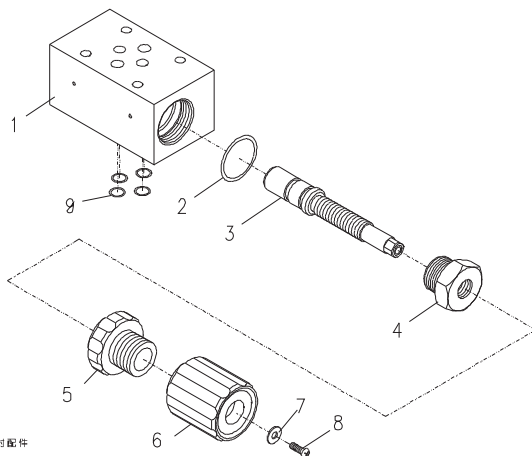


◆ Mounting Interface 基座尺寸圖

ISO 4401-AB-03-4-A



◆ PARTS LIST OF MT-02 SERIES 零件爆炸視圖



◆ SEAL KITS 密封配件

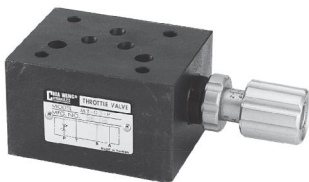
NO	Description	Q'ty	Specification
2	O-ring	1	P7
9	O-ring	4	P9

THROTTLE MODULAR VALVES

MT SERIES

機座型節流閥

◆ MODEL 型 式 MT-03P



◆ FEATURES

- MT series modular flow control valves can be used for the "P" port, "T" port, "A" port or "B" port respectively, or the "A" port and the "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
- MT 系列機座型流量閥均可使用 P 孔、T 孔、A 孔 和 B 孔同時使用。
- 閥本體鑄鐵製成強度且耐久性，壽命長。
- 內部裝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
MT-03-P, T	250 (3625 psi)	3/8"	80 (21.13 gpm)	2.4 (5.3 lbs)
MT-03-W				2.8 (6.2 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者，若需英制螺絲請向代理商洽詢。

◆ HOW TO ORDER 編號說明

1	2	3	4	5
MT	03	P	K	20

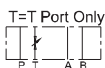
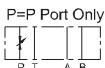
- 1 VALVE SERIES** 系列名稱
MT=Throttle Modular Valves

- 4 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

- 2 SUBPLATE MOUNTING SIZE:** 安裝口徑
03 = 3/8"(9mm)
ISO CETOP5
DIN NG 10
NFFA D05

- 5 DESIGN NO** 設計編號

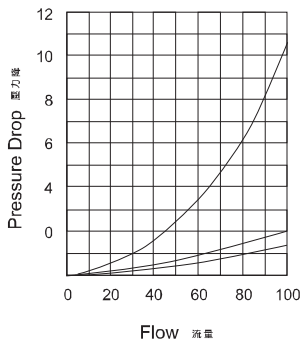
- 3 CONTROL PORT(S)** 動作形式



◆ 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)

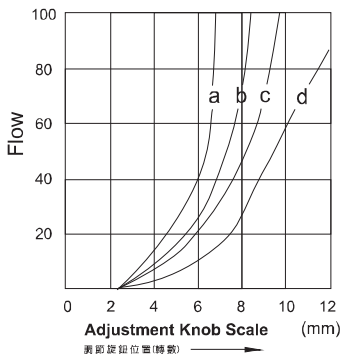
PRESSURE DROP 壓力降



Flow vs. Turns From Closed

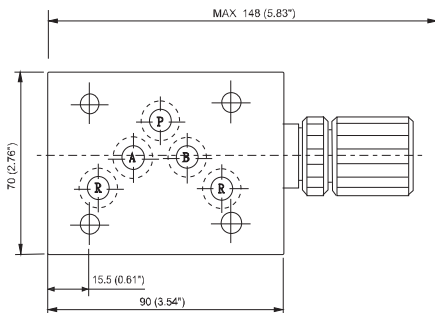
流量與調節旋鈕比

MT-03P/T



◆ DIMENSIONS 外型尺寸圖

MT-03-P, T



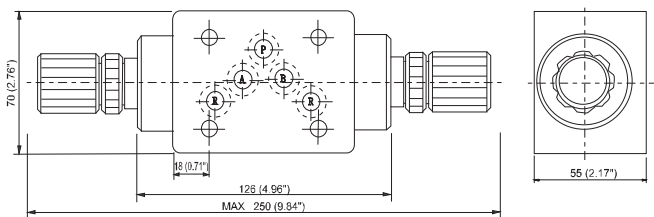
THROTTLE MODULAR VALVES

MT SERIES

稱量型節流閥

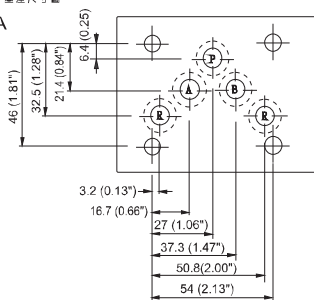
◆ DIMENSIONS 外型尺寸圖

MT-03-W

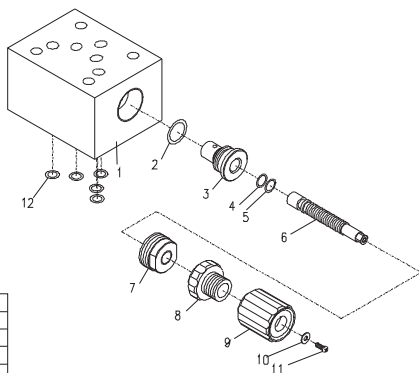


◆ Mounting Interface 基座尺寸圖

ISO 4401-AC-05-4-A



◆ PARTS LIST OF MT-03 SERIES 零件爆炸圖



◆ SEAL KITS 密封配件

NO	Description	Q'ty	Specification
2	O-ring	1	P16
4	O-ring	1	P7
5	密封套	1	P7
12	O-ring	5	P12

THROTTLE WITH CHECK MODULAR VALVES

止逆節流閥

MTC SERIES

◆ MODEL 型 式



◆ FEATURES

- MTC series modular flow control 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.
- Two flow adjustment options are: hex. screw or knob.
- 特 點
- MTC系列噴量型流量閥均可使用 A&B、B&A 和 A&B&A同時使用。
- 閥本體鑄鐵強度夠且耐久性，壽命長。
- 內置硬鋼零件提高產品壽命。
- 六角螺絲或把手兩種流量調整選擇。

◆ 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
MTC-02-A, B	250 (3625 psi)	1/4"	40 (10.56 gpm)	1.2 (2.7 lbs)
MTC-02-W				1.4 (3.1 lbs)
MTC-02-A1, B1				1.2 (2.7 lbs)
MTC-02-W1				1.4 (3.1 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.

所附最新節流公稱標準規格品，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
MTC	02	W	I	*	20

1 VALVE SERIES 系列名稱

MTC=Throttle With Check Modular Valves

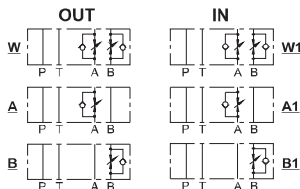
2 SUBPLATE MOUNTING SIZE: 底座口徑

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

4 ACTION ORIENTATION 動作方向

NONE: OIL OUT 無 出油控制
I: OIL IN I: 入油控制

3 ACTION FORM 動作形式



5 SHAPE 調整部形狀

NONE: TOOL ADJUST 無 工具調整式
KH: HAND-BAR ADJUST K: 手控調整式

6 DESIGN NO 設計編號

C
MTC

THROTTLE WITH CHECK MODULAR VALVES

MTC SERIES

止逆節流閥

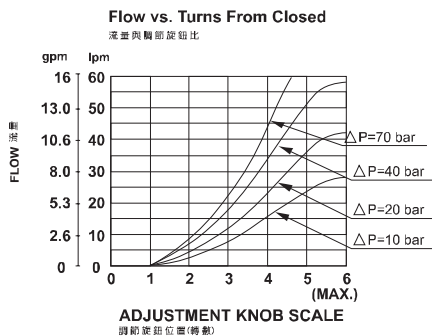
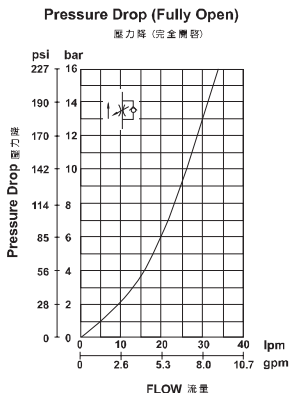
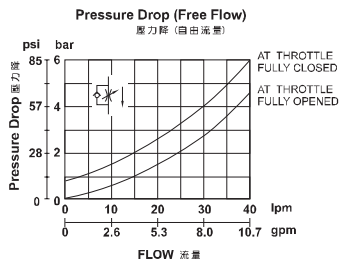
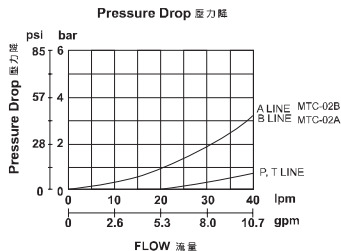
◆ PERFORMANCE 性能

Test Conditions 測試條件

Oil Temperature 油溫度: 50°C (122°F)

Viscosity 黏度: 35 cSt (163 SSU)

MTC-02



MTC-02-A, B, W

● Flow Setting

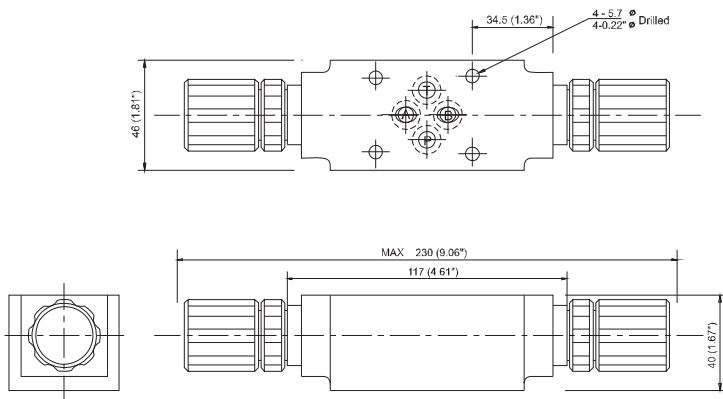
Facing to adjustment screw or knob, clockwise decreasing flow or counterclockwise increasing flow. Please tighten hex. nut or plastic setting nut up on completion of flow adjusted.

● 流量設定:

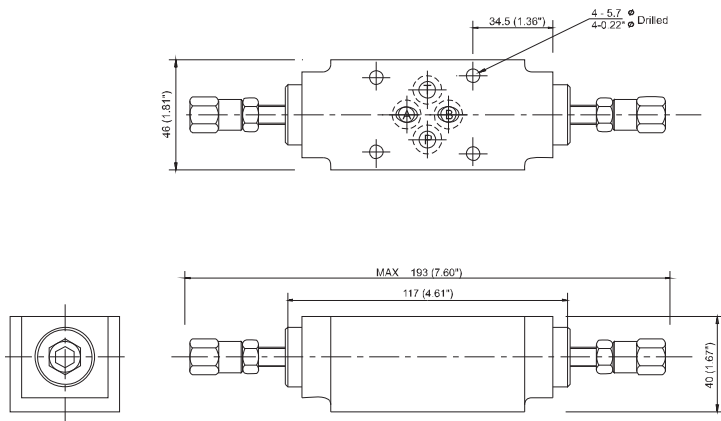
調整螺絲或把手順時鐘方向調整流量減少，逆時鐘方向調整流量增加。
壓力調整後請鎖緊六角螺帽或塑膠安裝螺帽。

◆ DIMENSIONS 外型尺寸圖

MTC-02-W-K



MTC-02-W



THROTTLE WITH CHECK MODULAR VALVES

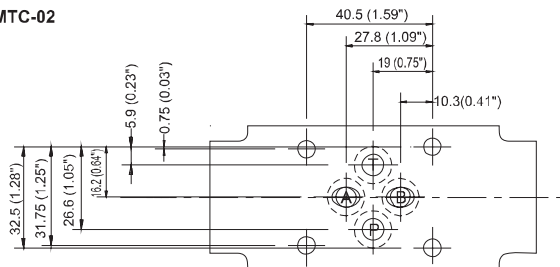
MTC SERIES

止逆節流閥

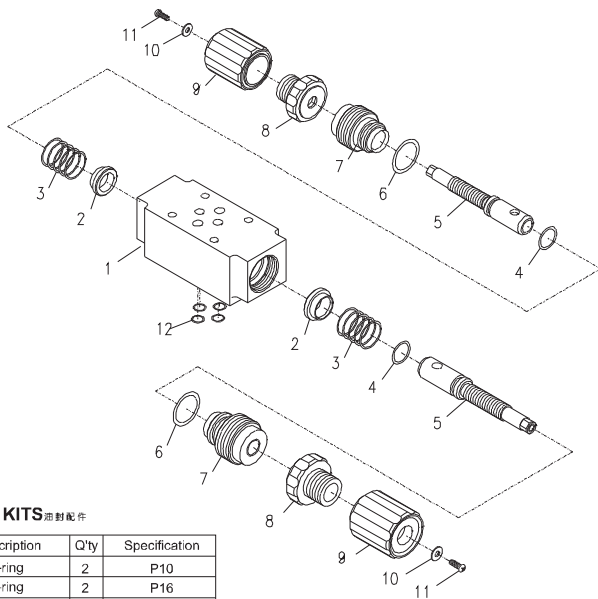
◆ Mounting Interface 基礎尺寸圖

ISO 4401-AB-03-4-A

MTC-02



◆ PARTS LIST OF MTC-02 SERIES 零件爆炸視圖



◆ SEAL KITS 密封配件

NO	Description	Q'ty	Specification
4	O-ring	2	P10
6	O-ring	2	P16
12	O-ring	4	P9

THROTTLE WITH CHECK MODULAR VALVES

止逆節流閥

MTC SERIES

◆ MODEL 型 式

MTC-03



◆ FEATURES

- MTC series modular flow control 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.
- Two flow adjustment options are: hex. screw or knob.

- 特 點
- MTC系列精密型流量閥均可使用 A孔、B孔 和 A與B孔同時使用。
- 閥本鑄造鐵殼強度好且持久性，壽命長。
- 內部磨鋼原件提高產品壽命。
- 六角螺絲或把手兩種流量調整選擇。

◆ 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
MTC-03-A, B	250 (3625 PSI)	3/8"	80 (21.10)gpm	2.6 (5.7 Lbs)
MTC-03-W				2.8 (6.2 Lbs)
MTC-03-A1, B1				2.6 (5.7 Lbs)
MTC-03-W1				2.8 (6.2 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	5	6
MTC	—	03	—	W	I — * — 20

1 VALVE SERIES 系列名稱

MTC=Throttle With Check Modular Valves

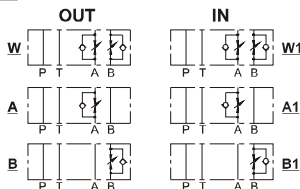
2 SUBPLATE MOUNTING SIZE: 稱呼口徑

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

4 ACTION ORIENTATION 動作方向

NONE : OIL OUT 無：油注空制
I : OIL IN I：入油控制

3 ACTION FORM 動作形式



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 DESIGN NO 設計編號

C
MTC

THROTTLE WITH CHECK MODULAR VALVES

MTC SERIES

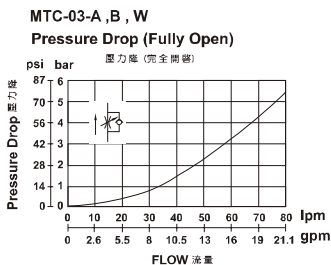
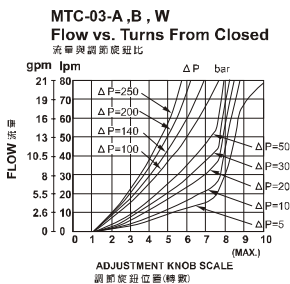
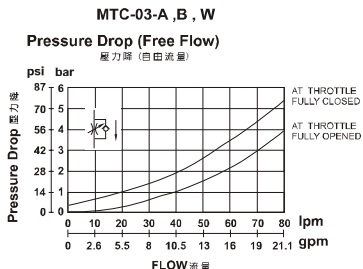
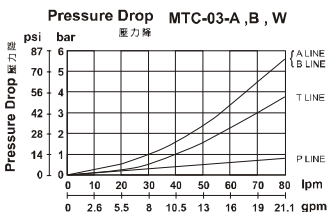
止逆節流閥

◆ PERFORMANCE 性能

Test Conditions 測試條件

Oil Temperature 油溫: 50°C (122°F)

Viscosity 黏度: 35 cSt (163 SSU)



● Pressure Setting

Facing to adjustment screw or knob, clockwise increasing pressure, counterclockwise decreasing pressure. Please tighten hex. nut or plastic setting nut after pressure adjusted.

● 流量設定:

調整螺絲或把手順時鐘方向調整流量減少, 逆時鐘方向調整流量增加。
壓力調整後請鎖緊六角螺帽或塑膠安裝螺帽。

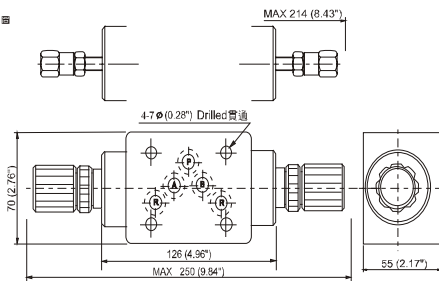
THROTTLE WITH CHECK MODULAR VALVES

止逆節流閥

MTC SERIES

◆ DIMENSIONS 外型尺寸圖

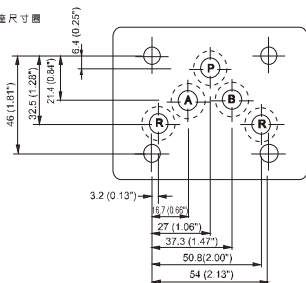
MTC-03-W-K



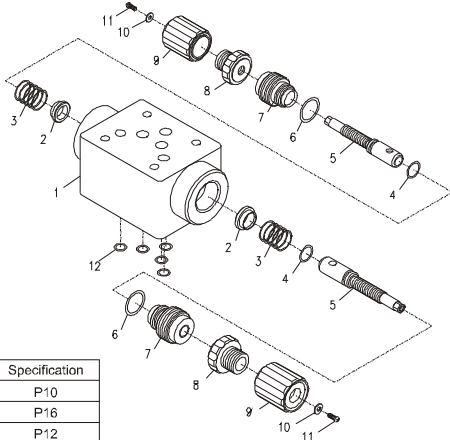
◆ Mounting Interface 基座尺寸圖

ISO 4401-AC-05-4-A

MTC-03



◆ PARTS LIST OF MTC-03 SERIES 零件爆炸圖



◆ SEAL KITS 密封配件

NO	Description	Q'ty	Specification
4	O-ring	2	P10
6	O-ring	2	P16
12	O-ring	5	P12

THROTTLE WITH CHECK MODULAR VALVES

MTC SERIES

止逆節流閥

◆ MODEL 型 式

MTC-04-W



◆ FEATURES

- MTC series modular flow control 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.
- Two flow adjustment options are: hex. screw or knob.

- 特 點
- MTC系列節流閥流量均可使用 A孔、B孔 和 A與B孔同時使用。
- 閥本體鑄鐵製成耐用且長壽。
- 內置硬鋼零件提高產品壽命。
- 六角螺絲或把手兩種流量調整選擇。

◆ 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
MTC-04-A, B	315 (4500 psi)	1/2"	300 (79.25 gpm)	5 (11.0 lbs)
MTC-04-W				5.5 (12.1 lbs)
MTC-04-A1, B1				5 (11.0 lbs)
MTC-04-W1				5.5 (12.1 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，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	6
MTC	04	W	I	*	20

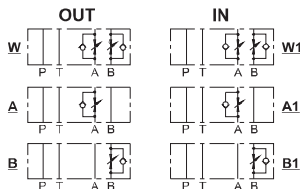
1 VALVE SERIES 系列名稱

MTC=Throttle With Check Modular Valves

2 SUBPLATE MOUNTING SIZE: 板厚口徑

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

3 ACTION FORM 動作形式



4 ACTION ORIENTATION 動作方向

NONE: OIL OUT 無: 回油控制
I: OIL IN I: 入油控制

5 SHAPE 調整部形狀

NONE: TOOL ADJUST 無: 工具調整式
K: HAND-BAR ADJUST K: 手控調整式

6 DESIGN NO 設計編號

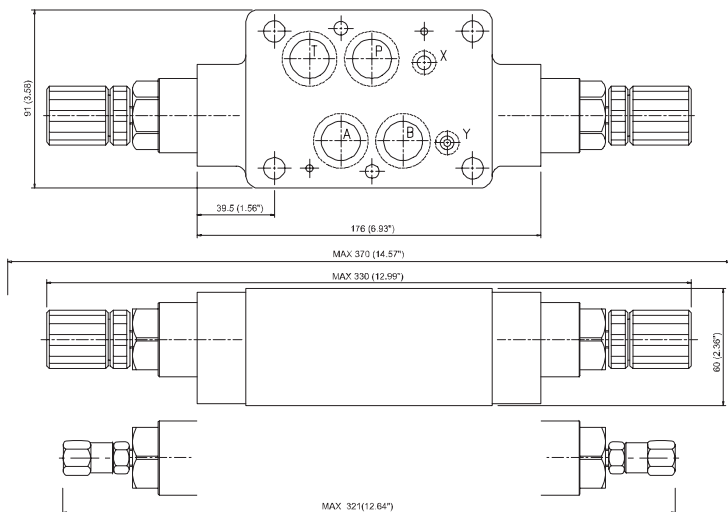
THROTTLE WITH CHECK MODULAR VALVES

止逆節流閥

MTC SERIES

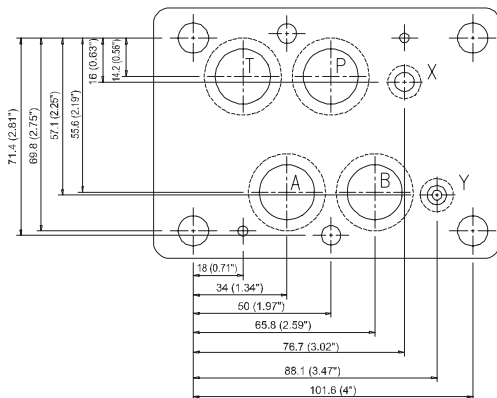
◆ DIMENSIONS 外型尺寸圖

MTC-04-W-K



◆ Mounting Interface 基座尺寸圖

ISO 4401-AD-07-4-A



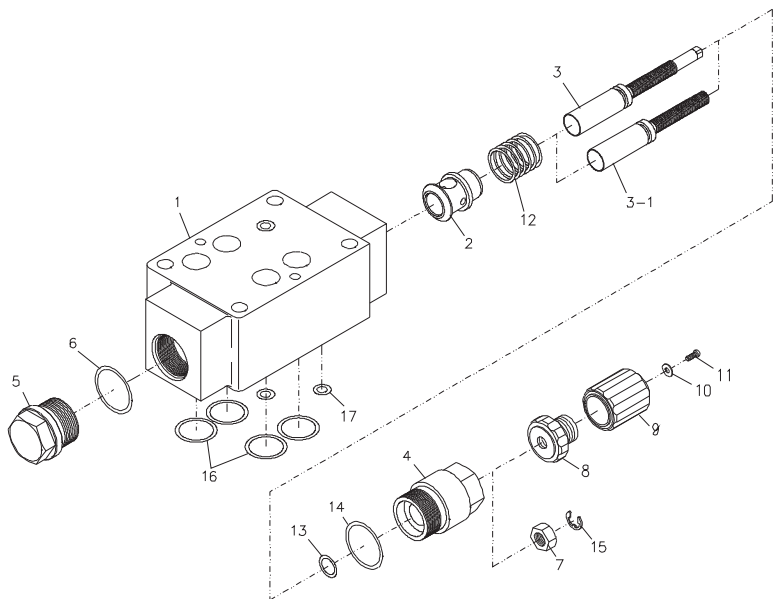
C
MTC

THROTTLE WITH CHECK MODULAR VALVES

MTC SERIES

止逆節流閥

◆ PARTS LIST OF MTC-04 SERIES 零件爆炸視圖



◆ SEAL KITS 密封配件

NO	Description	Q'ty	Specification
6	O-ring	1	AS-123
13	O-ring	1	P12
14	O-ring	1	AS-123
16	O-ring	4	AS-119
17	O-ring	2	P9

THROTTLE WITH CHECK MODULAR VALVES

止逆節流閥

MTC SERIES

◆ MODEL 型 式

MTC-06-W



◆ FEATURES

- MTC series modular flow control 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.
- Two flow adjustment options are: hex. screw or knob.

- 特 點
- MTC系列模塊式流量閥均可使用 A孔、B孔 和 A與B孔同時使用。
- 閥本體鑄鐵強度與耐用性佳，壽命長。
- 內置硬鋼零件提高產品壽命。
- 六角螺絲或把手兩種流量調整選擇。

◆ 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
MTC-06-A, B	250 (3625 psi)	3/4"	190 (50.19 gpm)	12.2 (26.9 lbs)
MTC-06-W				13 (28.7 lbs)
MTC-06-A1, B1				12.2 (26.9 lbs)
MTC-06-W1				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.

所有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
MTC	06	W	I	*	20

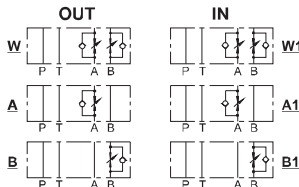
1 VALVE SERIES 系列名稱

MTC=Throttle With Check Modular Valves

2 SUBPLATE MOUNTING SIZE: 稱呼口徑

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

3 ACTION FORM 動作形式



4 ACTION ORIENTATION 動作方向

NONE: OIL OUT 無：回油控制
I: OIL IN I: 入油控制

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 DESIGN NO 設計編號

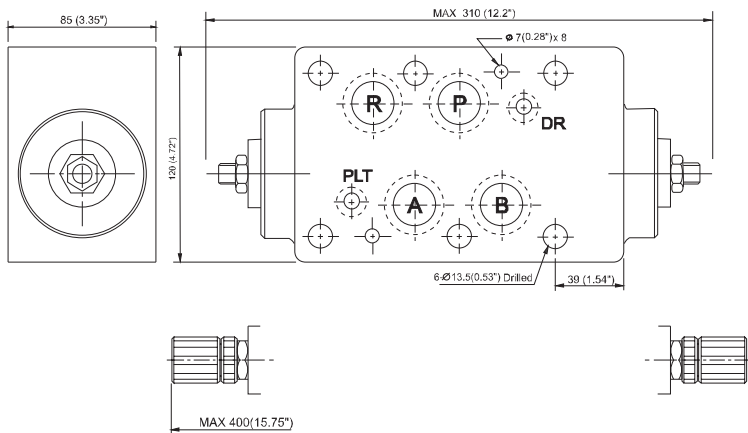
THROTTLE WITH CHECK MODULAR VALVES

MTC SERIES

止逆節流閥

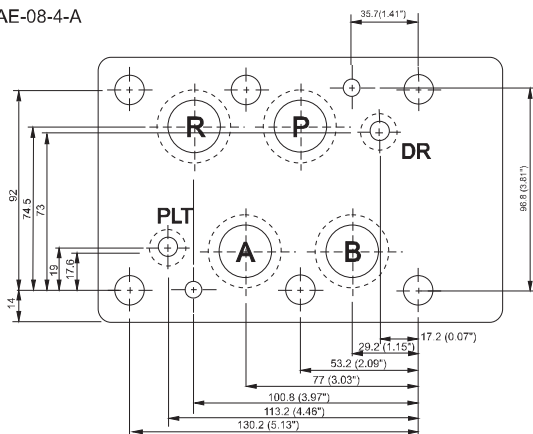
◆ DIMENSIONS 外型尺寸圖

MTC-06-W-K



◆ Mounting Interface 基座尺寸圖

ISO 4401-AE-08-4-A

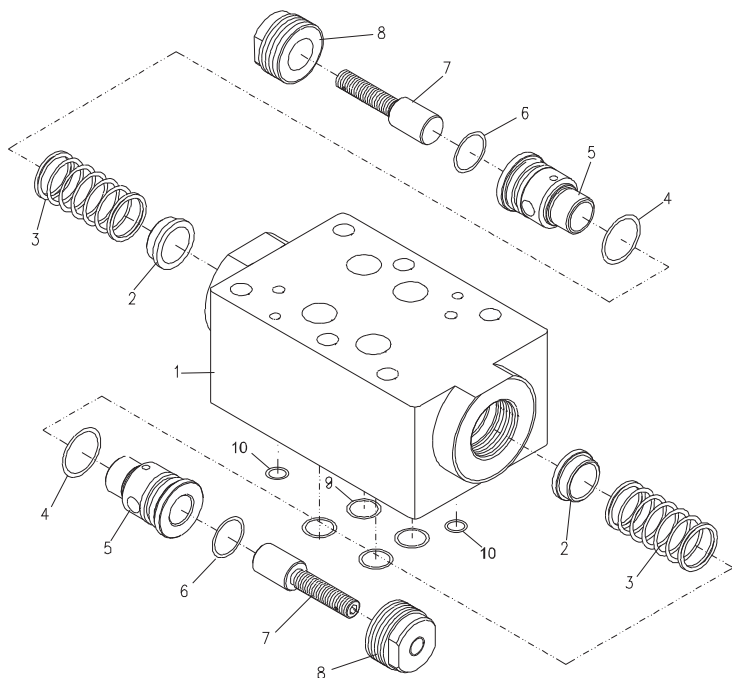


THROTTLE WITH CHECK MODULAR VALVES

止逆節流閥

MTC SERIES

◆ PARTS LIST OF MTC-06 SERIES 零件爆炸視圖



◆ SEAL KITS 油封配件

NO	Description	Q'ty	Specification
4	O-ring	2	G30
6	O-ring	2	P20
9	O-ring	4	P28
10	O-ring	2	P14

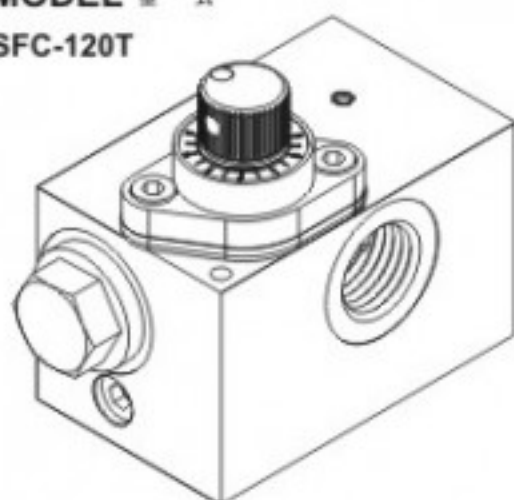
PRESSURE TEMPERATURE COMPENSATED TYPE FLOW VALVES

SFC SERIES

壓力溫度補償型流量閥

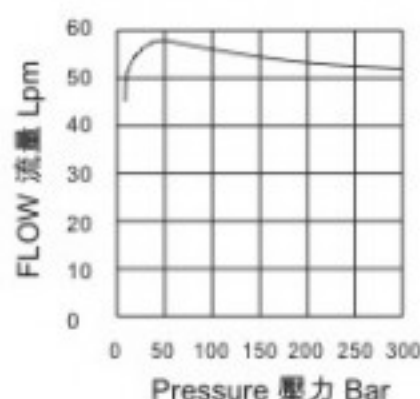
◆ MODEL 型 式

SFC-120T



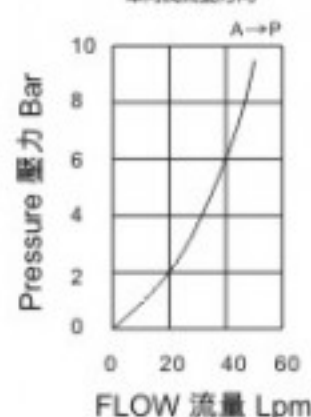
◆ PERFORMANCE 特性曲線

Pressure Drop 壓力降



The Flow Way Of Single Valves

單向閥流動方向



◆ SPECIFICATIONS 規 格

Model Number 型式號碼	Operating Pressure 操作壓力 bar	流量 lpm	重量 Kg
SFC-120T	315 (4569 psi)	0.3~50 (0.08~13.21 gpm)	1.4 (3.1 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
SFC	120T	10

1 VALVE SERIES 系列名稱

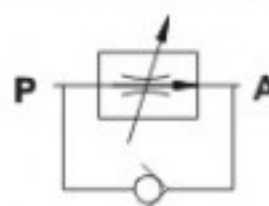
SFC = Pressure Temperature Compensated
Type Flow Valves
壓力溫度補償型流量閥

2 SUBPLATE MOUNTING SIZE 稱呼口徑

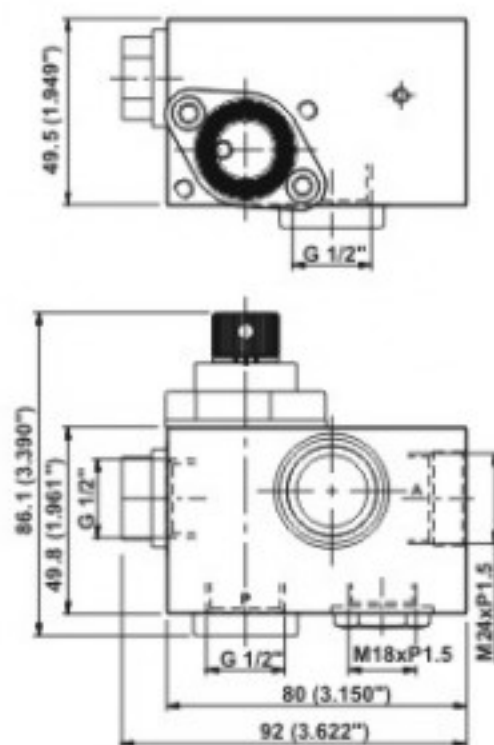
120T= G 1/2"

3 DESIGN NO 設計編號

◆ CONTROL PORT(S) 動作形式



◆ DIMENSIONS 外型尺寸圖



◆ Flow vs. Turns From Closed

流量與調節旋鈕比

