03疊加閥
03 MODULAR VALVES

油研工業03新系列的液壓疊加閥，組裝緊湊，安裝容易，靈活易變，成本低，性能佳，耐用可靠。
本疊加閥系列包含有方向控制，壓力控制，及流量調節控制等。

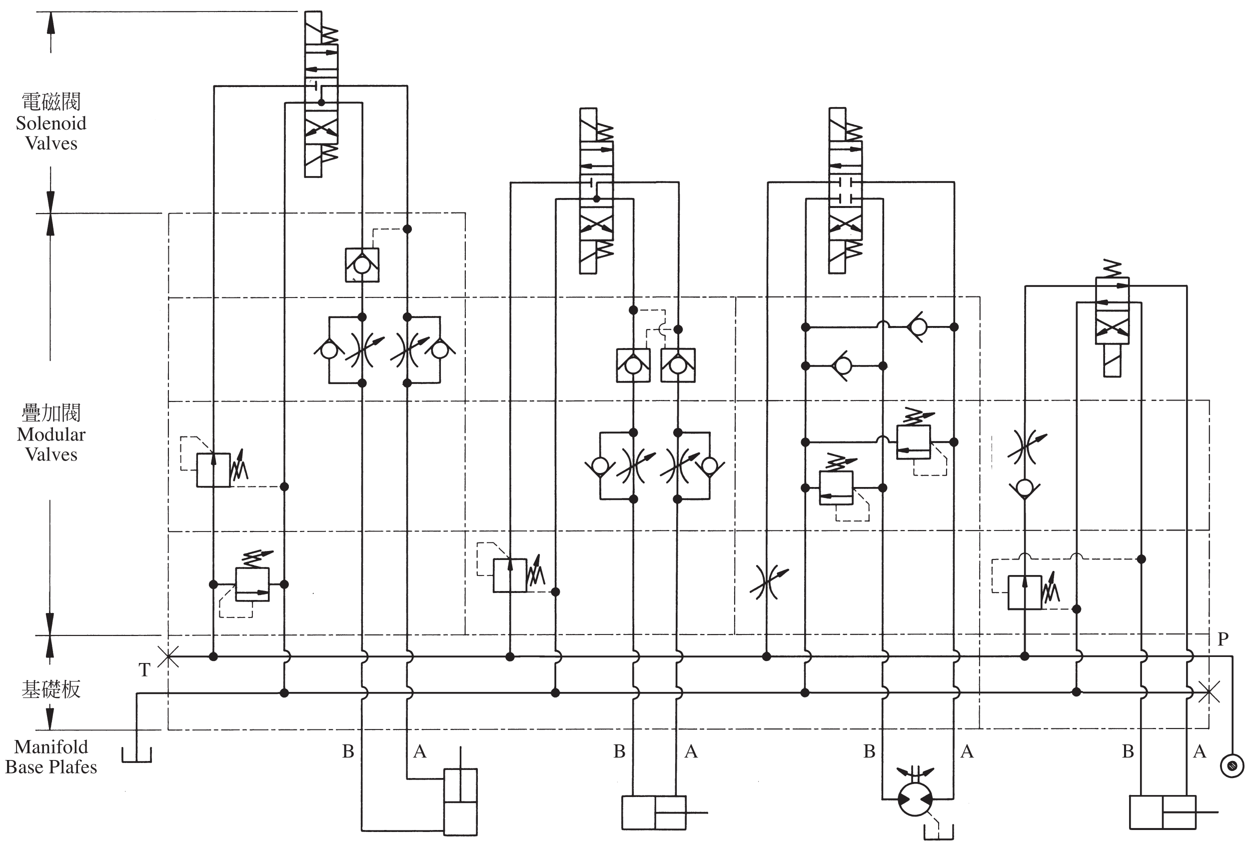
YUKEN KOGYO CO., LTD. 03 new series of modular valves offer economical assembles, combining great flexibility and high performance in a compact valve package.
The modular valve series include directional control, pressure control and flow regulating control.

特點 FEATURES

- 高壓力
- 大流量
- 系統設計靈活
- 組裝緊湊
- 洩漏、振動、噪音均小
- 保養容易

- High pressure : 31.5 MPa (321 kgf/cm^2)
- High flow : 70 L/min
- System design flexibility
- Simply compact installation
- Scant risk of leakage, noise and vibration
- Easy maintenance

疊加閥組裝實例 STACKING EXAMPLE

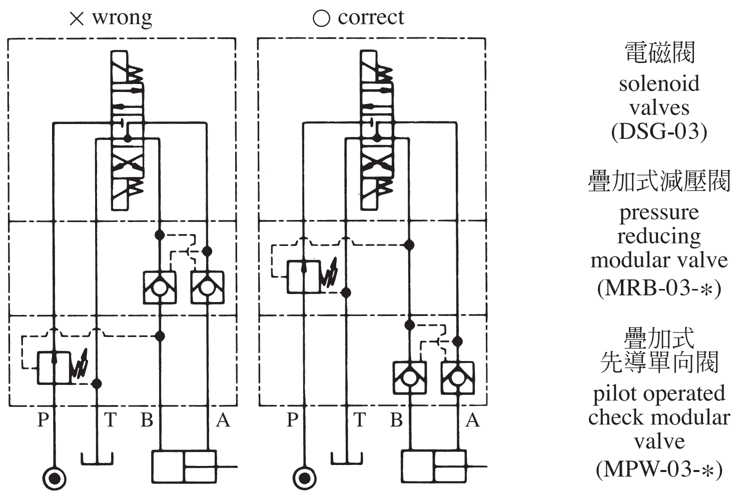


安全注意範例 CARE IN APPLICATION

- **鎖定回路及減壓回路**

左回路圖的安裝不能使
油壓缸保持固定位置

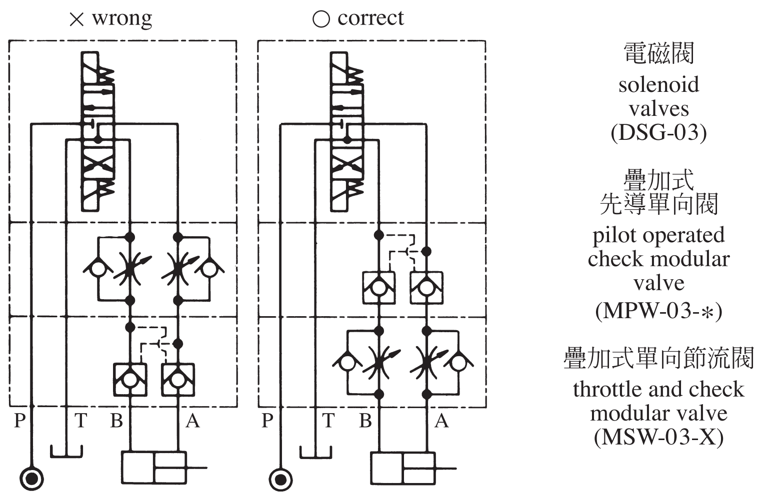
When MRB-03-⁎ and MPW-03-⁎ are used together in the same circuit, the right circuit is correct, and the left is wrong, as MPW-03-⁎ would not be totally closed.



- **鎖定回路及速度控制**

左回路圖的安裝會使油壓缸
產生震盪現象

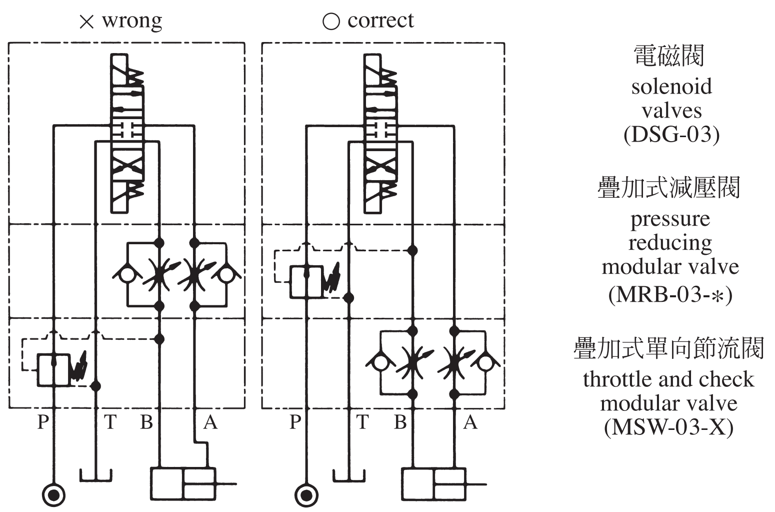
When MSW-03-X and MPW-03-⁎ are used together in the same circuit, MSW-03-X should be installed closer to the cylinder ports, otherwise the cylinder may have a "Vibrating" phenomenon happened.



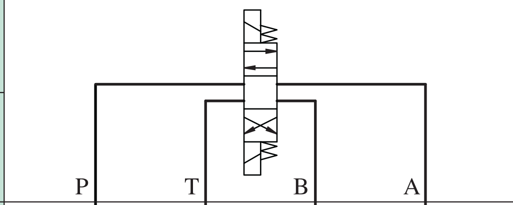
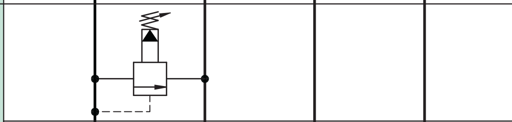
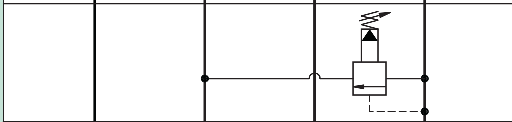
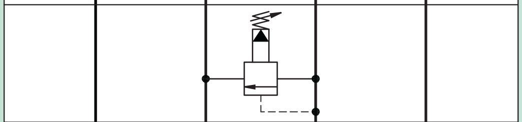
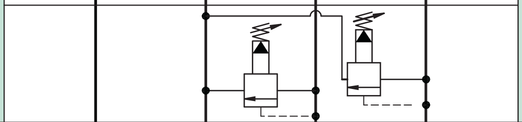
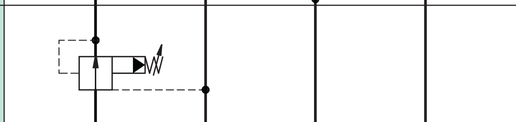
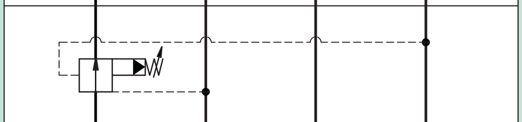
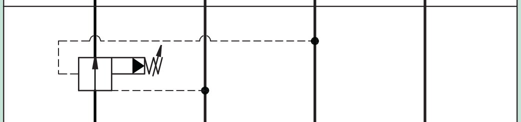
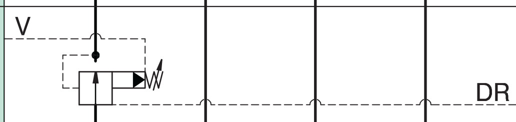
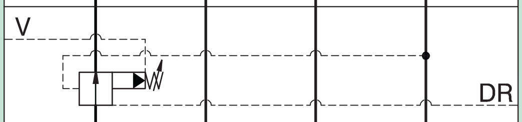
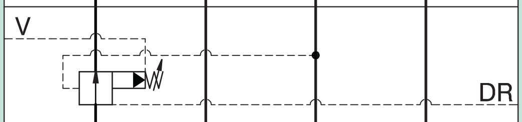
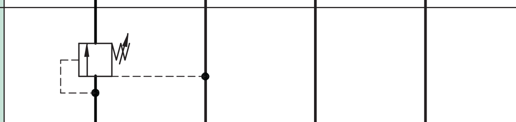
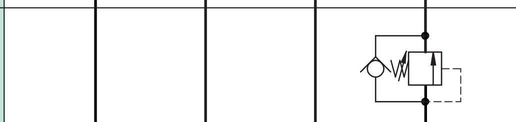
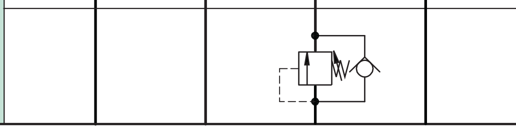
- **速度控制及減壓回路**

左回路圖的安裝會使油壓缸
拉力不足及速度降低

When MRB-03-⁎ and MSW-03-X are used together in the same circuit, the right circuit is correct, and the left is wrong, as the funtion of MRB-03-⁎ will be affected when oil flow from B port to T port. Because MSW-03-X will create a pressure which will cause MRB-03-⁎ to reduce the pressure too low, and the cylinder then can not operate with enough force or move smoothly.

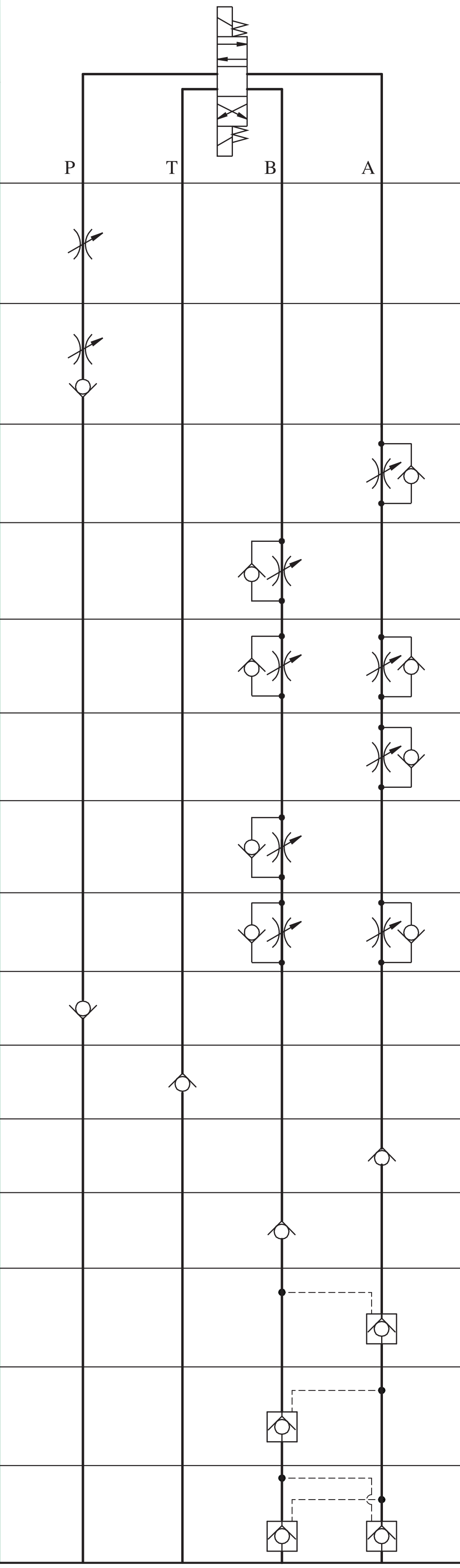


疊加閥系列一覽表 MODULAR VALVE SERIES

閥種類 VALVES	名稱 NAME	型式 TYPE	壓力範圍 PRESSURE RANGE MPa (kgf/cm²)	最大流量 MAX. FLOW (L/min)	油壓符號 HYDRAULIC SYMBOL	頁次 PAGE
方向控制閥 Directional Control Valves	電磁閥 Solenoid Valves	DSG-03-*-*-*-*	Max. Operating Pressure 31.5 (321)	120		—
壓力控制閥 Pressure Control Valves	溢流閥 Relief Modular Valves (Balance Type)	MBP-03-*-3070	B : ☆ ~7 (☆ ~ 71) H : 3.5~31.5 (36~321)	70		32～33
		MBA-03-*-3070				
		MBB-03-*-3070				
		MBW-03-*-3070				
	減壓閥 Reducing Modular Valves	MRP-03-*-3070	B : 0.8 ~ 7 (8~71) H : 3.5~24.5 (36 ~ 250)	70		34～35
		MRA-03-*-3070				
		MRB-03-*-3070				
	低壓設定型減壓閥 Reducing Modular Valves for Low Pressure Setting	MRLP-03-*-1070	0.2 ~ 6.5 (2 ~ 66)	50		36～37
		MRLA-03-*-1070				
		MRLB-03-*-1070				
	順序閥 Sequence Modular valves	MHP-03-*-2070	N : 0.25 ~ 1.8 (2.5~18)	50		38～39
	抗衡閥 Counterbalance Modular Valves	MHA-03-*-2070	A : 1.8 ~ 3.5 (18~36) B : 3.5 ~ 7 (36~71) C : 7 ~ 14 (71~143)	50		40～41
		MHB-03-*-2070				

YUKEN 油壓機器

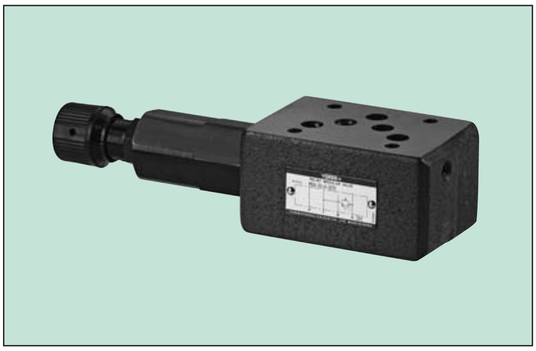
疊加閥系列一覽表 MODULAR VALVE SERIES

閥種類 VALVES	名稱 NAME	型式 TYPE	壓力範圍 PRESSURE RANGE MPa(kgf/cm^2)	最大流量 MAX. FLOW (L/min)	油壓符號 HYDRAULIC SYMBOL	頁次 PAGE
方向控制閥 Directional Control Valves	電磁閥 Solenoid Valves	DSG-03-*-*-*-*	Max. Operating Pressure 31.5 (321)	120		—
流量控制閥 Flow Control Valves	節流閥 Throttle Modular Valves	MSP-03-30	Max. Operating Pressure 25 (255)	70		42～43
	節流單向閥 Check and Throttle Modular Valves	MSCP-03-20	Cracking Pressure 0.04 (0.4)	70		44～45
	（出口）單向節流閥 (Meter-Out) Throttle and Check Modular Valves	MSA-03-X-40	Cracking Pressure 0.1 (1.0)	120		46～49
		MSB-03-X-40				
		MSW-03-X-40				
	（入口）單向節流閥 (Meter-In) Throttle and Check Modular Valves	MSA-03-Y-40	Cracking Pressure 0.1 (1.0)	120		
		MSB-03-Y-40				
		MSW-03-Y-40				
方向控制閥 Directional Control Valves	單向閥 Check Modular Valves	MCP-03-*-10	Cracking Pressure 0: 0.035 (0.36) 2: 0.2 (2)	70		50～53
		MCT-03-*-10				
		MCA-03-*-20				
		MCB-03-*-20				
	先導式單向閥 Pilot Operated Check Modular Valves	MPA-03-*-20 MPDA-03-*-2071	2 : 0.2 (2) 4 : 0.4 (4.1)	70		54～55
		MPB-03-*-20 MPDB-03-*-2071				
		MPW-03-*-20 MPDW-03-*-2071				

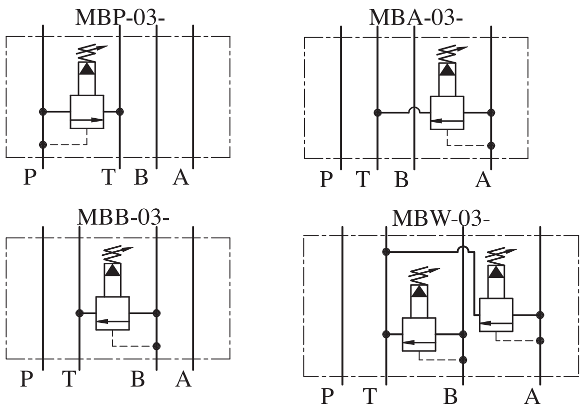
YUKEN 油壓機器

疊加式溢流閥 RELIEF MODULAR VALVES

最高工作壓力 31.5 MPa
Max. Operating Pressure



■ 油壓符號 GRAPHIC SYMBOLS



■ 規格 RATING

Model No.	Max. Operating Pressure MPa (kgf/cm²)	Max. Flow L/min	Mass kg
MBP-03-*-3070	31.5 (321)	70	3.1
MBA-03-*-3070			
MBB-03-*-3070			
MBW-03-*-3070			3.8

■ 型號意義 MODEL NUMBER DESIGNATION

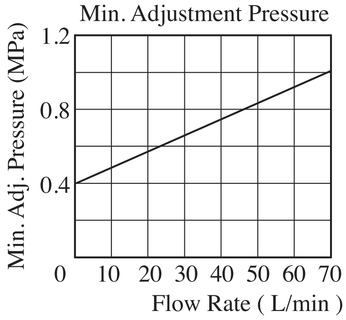
MBP	-03	-B	-3070
Series Number	Valve Size	Pres. Adj. Range MPa (kgf/cm²)	Design Number
Relief Modular Valves MBP : For P - Line MBA : For A - Line MBB : For B - Line MBW : For A B - Line	03	B : ☆ ~ 7 (71) *1 H : 3.5 (36) ~ 31.5 (321)	3070

*1.See "Min. Adjustment Pressure " for the item marked ☆ .

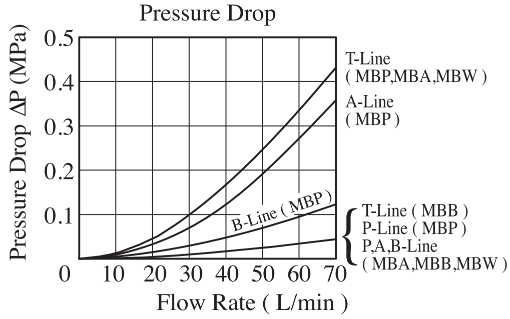
■ 性能曲線 PERFORMANCE CURVES

Hydraulic Fluid : Viscosity 35 cSt (35 mm²/s) , Specific Gravity 0.850

最低調整壓力特性
Min. Adjustment Pressure



壓力降特性
Pressure Drop

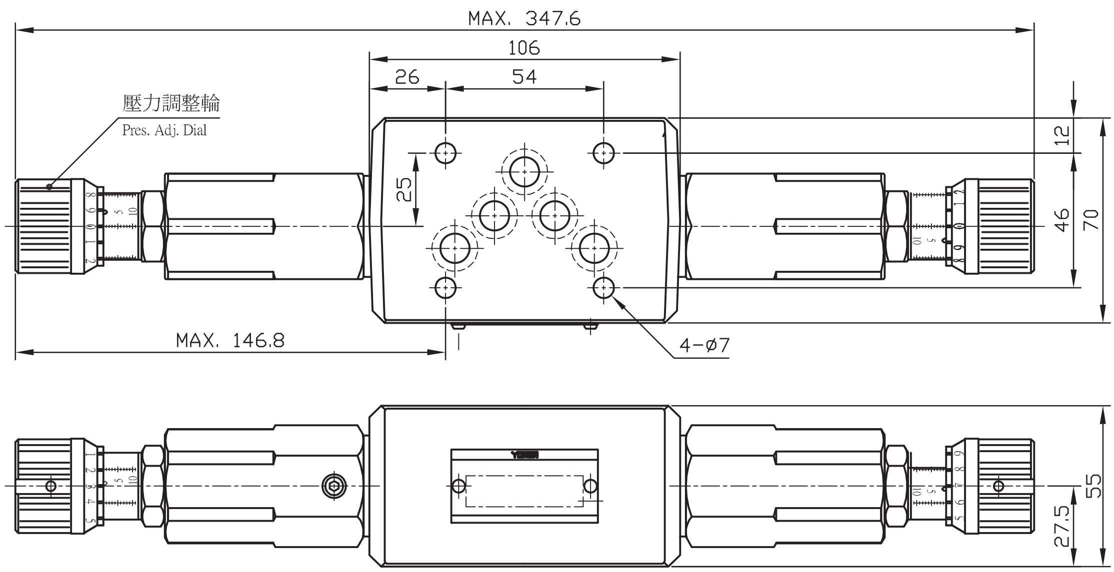


安裝尺寸 DIMENSIONS

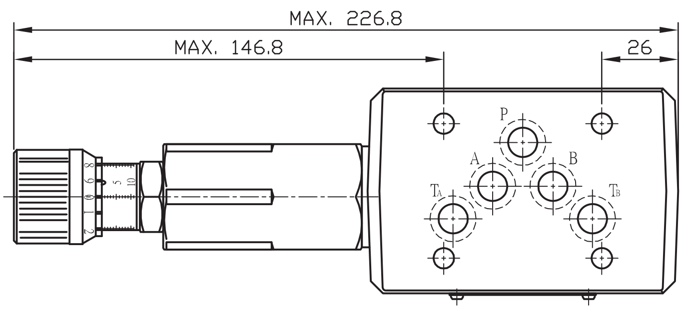
安裝尺寸符合：ISO 4401-AC-05-4-A
Mounting Surface : ISO 4401-AC-05-4-A

DIMENSIONS IN MILLIMETRES

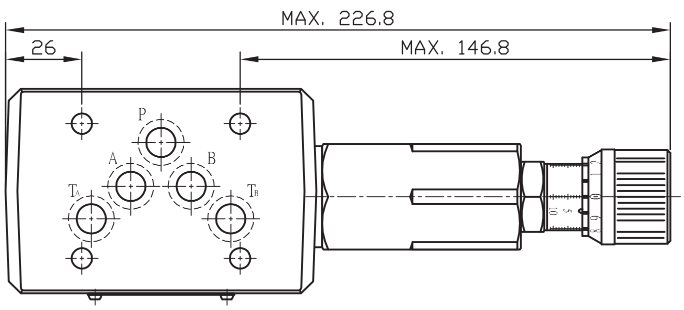
MBW-03-*-

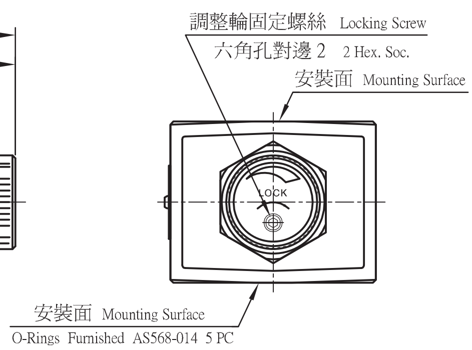


MBP-03-*-
MBA-03-*-



MBB-03-*-

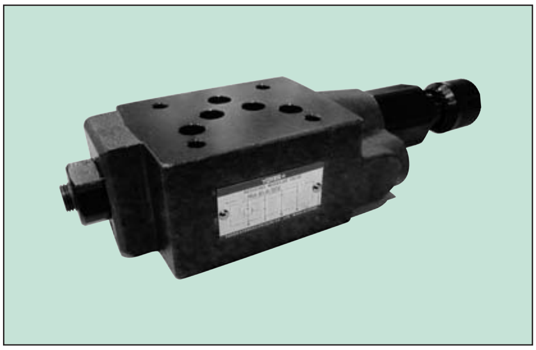




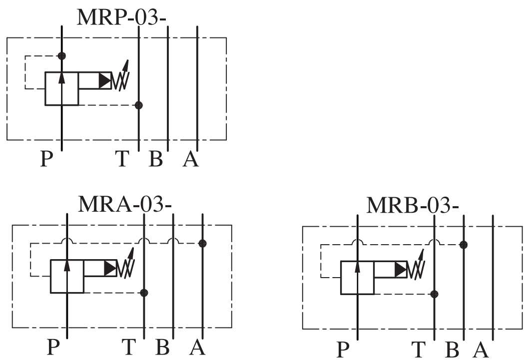
YUKEN 油壓機器

疊加式減壓閥
PRESSURE REDUCING MODULAR VALVES

最高工作壓力 25 MPa
Max. Operating Pressure



■ 油壓符號 GRAPHIC SYMBOLS



■ 規格 RATING

Model No.	Max. Operating Pressure MPa (kgf/cm²)	Max. Flow L/min	Mass kg
MRP-03-*-3070	25 (255)	70*1	3.3
MRA-03-*-3070			
MRB-03-*-3070			

*1. When setting secondary pressure to a value less then 10 MPa with the primary pressure of more then 20 MPa , maximum pressure will be limited to 50 L/min .

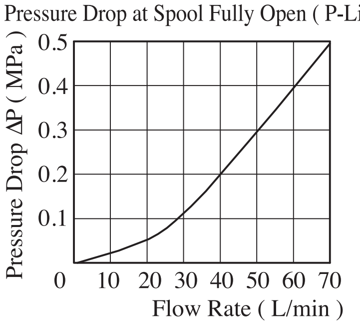
■ 型號意義 MODEL NUMBER DESIGNATION

MRP	-03	-B	-3070
Series Number	Valve Size	Pres. Adj. Range MPa (kgf/cm²)	Design Number
Reducing Modular Valves MRP : For P - Line MRA : For A - Line MRB : For B - Line	03	B : 0.8 (8.2) ~ 7 (71) H : 3.5 (36) ~ 24.5 (250)	3070

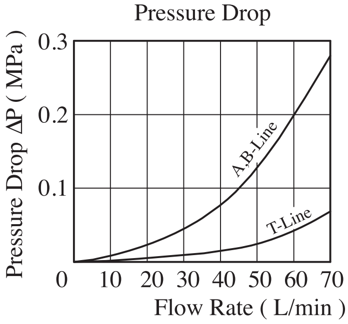
■ 性能曲線 PERFORMANCE CURVES

Hydraulic Fluid : Viscosity 35 cSt (35 mm^2/s) , Specific Gravity 0.850

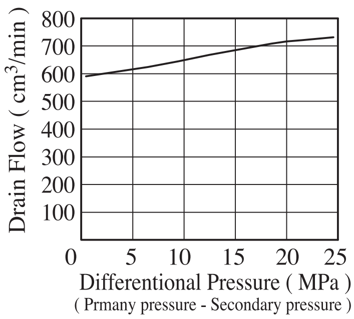
調整輪全開時壓力降特性
Pressure Drop at Spool Fully Open (P-Line)



壓力降特性
Pressure Drop



洩漏量特性
Drain Flow

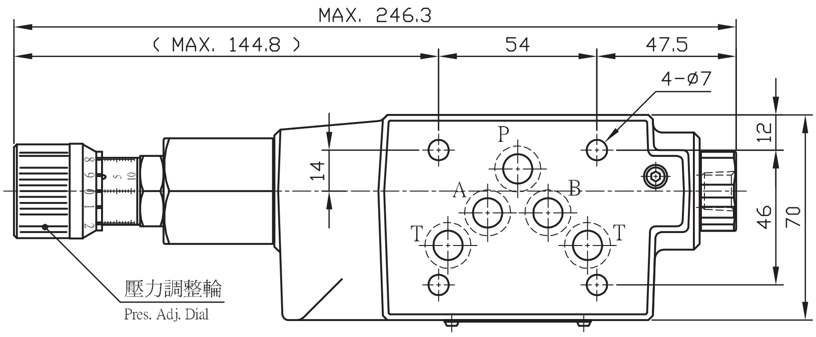


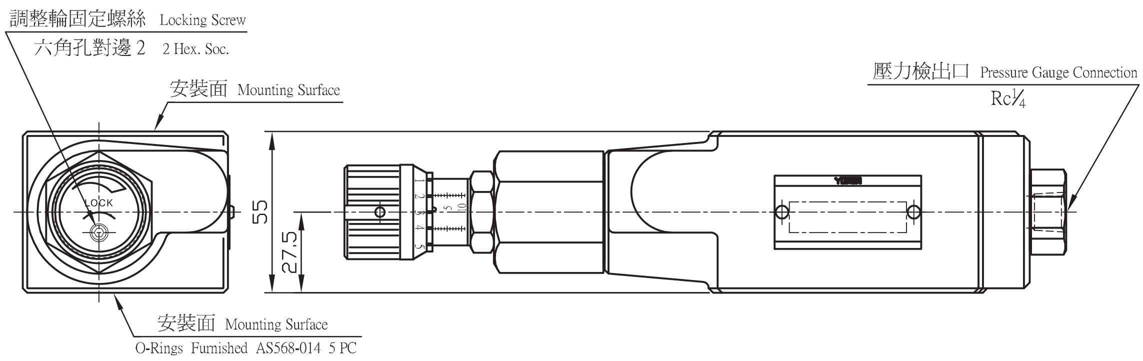
安裝尺寸 DIMENSIONS

安裝尺寸符合：ISO 4401-AC-05-4-A
Mounting Surface : ISO 4401-AC-05-4-A

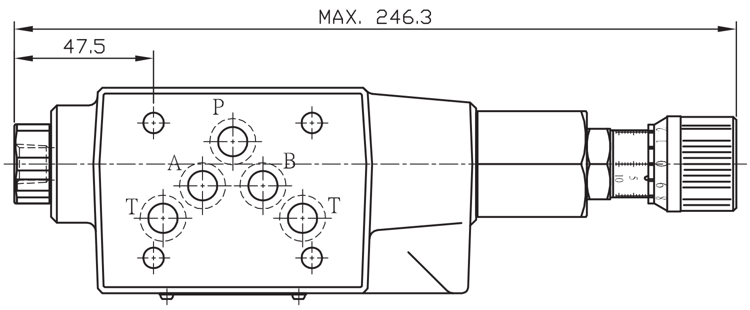
DIMENSIONS IN MILLIMETRES

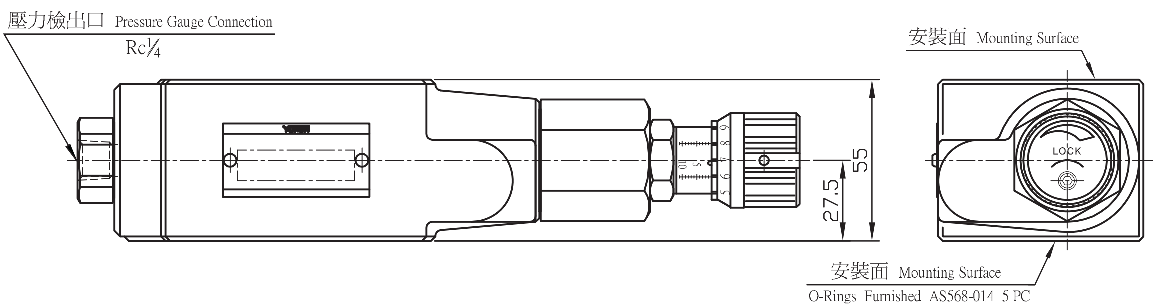
MRP-03-*-
MRB-03-*-





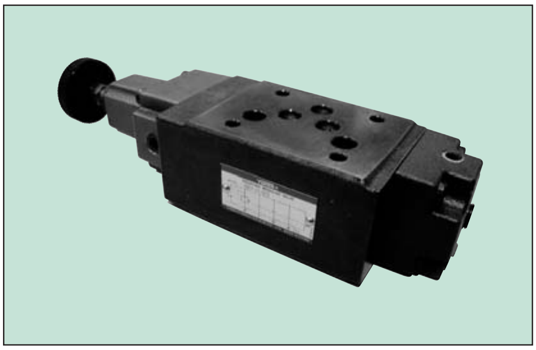
MRA-03-*-



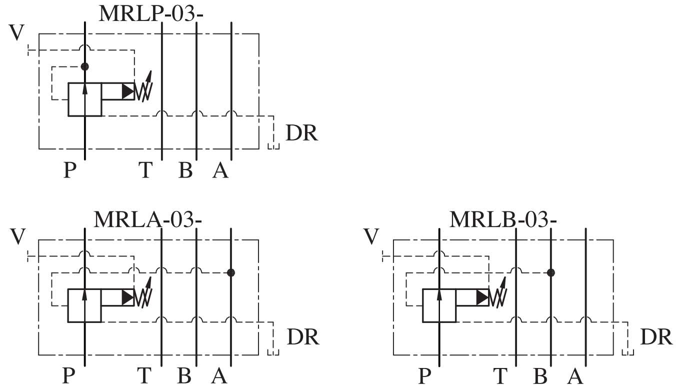


低壓設定型疊加式減壓閥
REDUCING MODULAR VALVE FOR LOW PRESSURE SETTING

最高工作壓力 7 MPa
Max. Operating Pressure



■ 油壓符號 GRAPHIC SYMBOLS



■ 規格 RATING

Model No.	Max. Operating Pressure MPa (kgf/cm^2)	Pres. Adj. Range MPa (kgf/cm^2)	Max. Flow L/min	Mass kg
MRLP-03-*-1070	7 (71)	0.2 (2) ~ 6.5 (66)	50*1	4.5
MRLA-03-*-1070				
MRLB-03-*-1070				

*1. When pressure setting is less then 0.8 MPa , maximum pressure decreases .
See " Min. Adjustment pressure vs Max. flow " for the appropriate range .

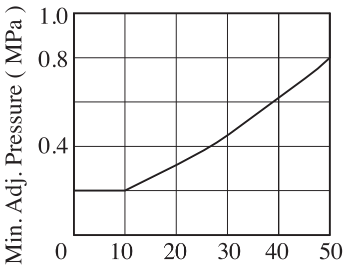
■ 型號意義 MODEL NUMBER DESIGNATION

MRLP	-03	-1070
Series Number	Valve Size	Design Number
Reducing Modular Valves for Low Pressure Setting MRLP : For P - Line MRLA : For A - Line MRLB : For B - Line	03	1070

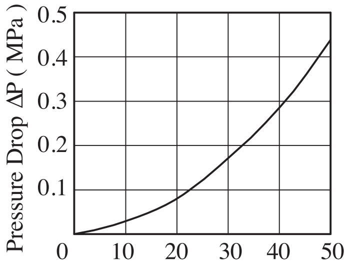
■ 性能曲線 PERFORMANCE CURVES

Hydraulic Fluid : Viscosity 35 cSt (35 mm^2/s) , Specific Gravity 0.850

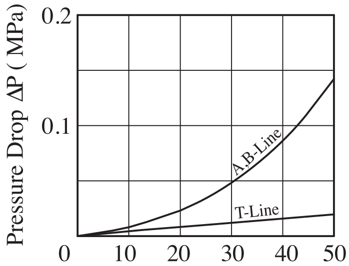
最低調整壓力– 最大流量特性
Min. Adjustment Pressure vs Max. Flow



調整輪全開時壓力降特性
Pressure Drop at Spool Fully Open (P-Line)



壓力降特性
Pressure Drop

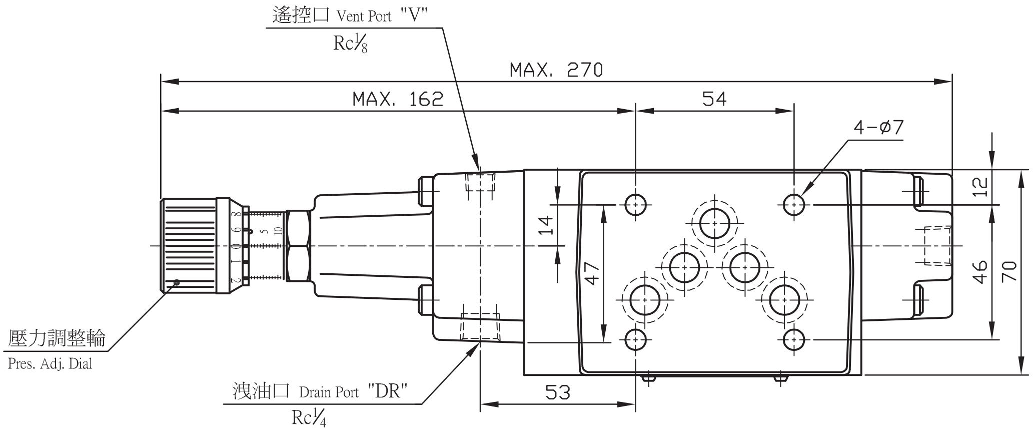


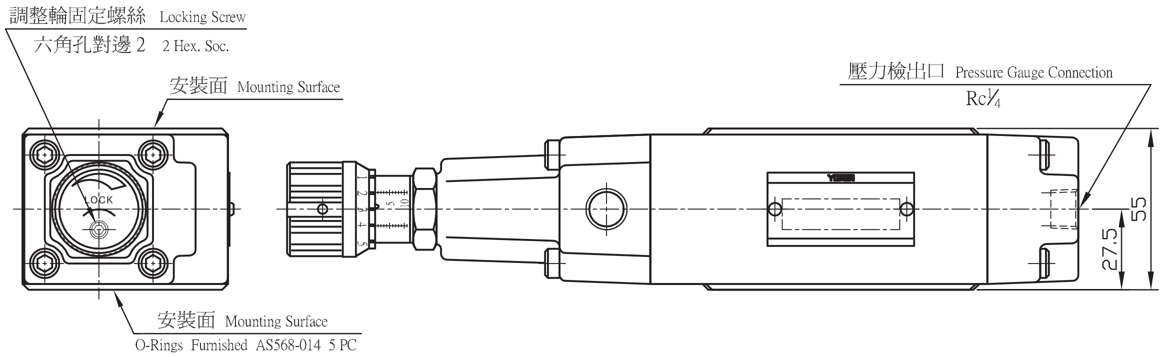
安裝尺寸 DIMENSIONS

安裝尺寸符合 : ISO 4401-AC-05-4-A
Mounting Surface : ISO 4401-AC-05-4-A

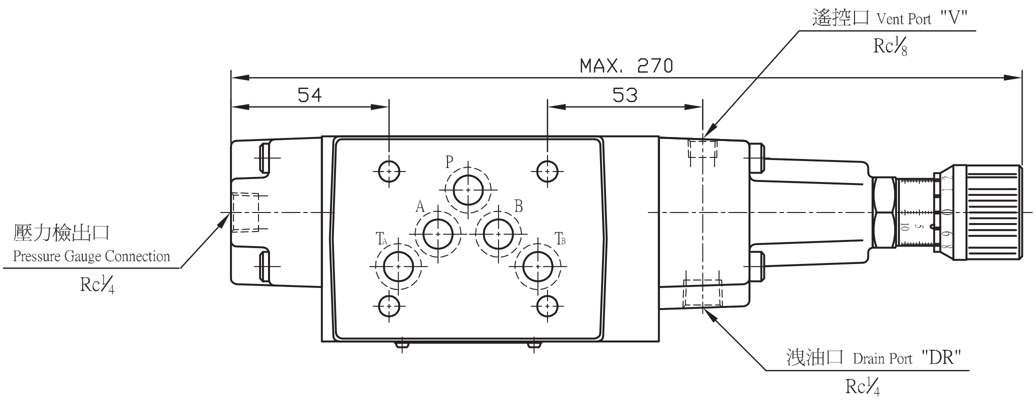
DIMENSIONS IN MILLIMETRES

MRLP-03-*-
MRLB-03-*-



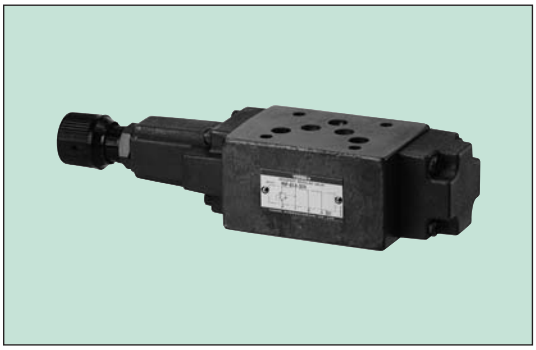


MRLA-03-*-

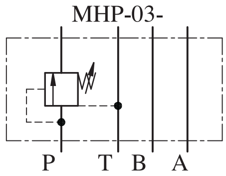


疊加式順序閥
SEQUENCE MODULAR VALVES

最高工作壓力 25 MPa
Max. Operating Pressure



油壓符號 GRAPHIC SYMBOLS



規格 RATING

Model No.	Max. Operating Pressure MPa (kgf/cm²)	Max. Adj. Pres. MPa (kgf/cm²)	Max. Flow L/min	Mass kg
MHP-03-*-2070	25 (255)	14 (143)	50	3.5

型號意義 MODEL NUMBER DESIGNATION

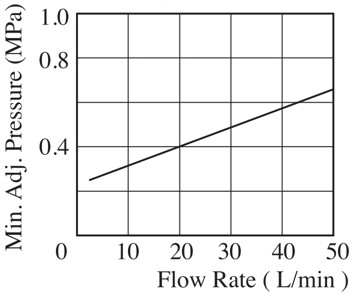
MHP	-03	-N	-2070
Series Number	Valve Size	Pres. Adj. Range MPa (kgf/cm²)	Design Number
Sequence Modular Valves MHP : For P - Line	03	N : 0.25 (2.5) ~ 1.8 (18)*1 A : 1.8 (18) ~ 3.5 (36) B : 3.5 (36) ~ 7 (71) C : 7 (71) ~ 14 (143)	2070

*1. See " Min. Adjustment pressure " for the item " Pres. Adj. Range N .

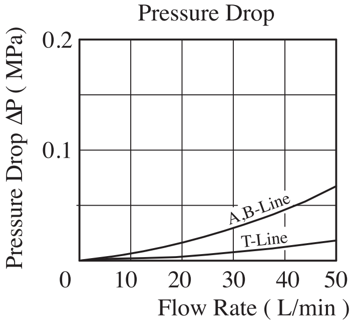
性能曲線 PERFORMANCE CURVES

Hydraulic Fluid : Viscosity 35 cSt (35 mm²/s) , Specific Gravity 0.850

最低調整壓力特性
Min. Adjustment Pressure



壓力降特性
Pressure Drop

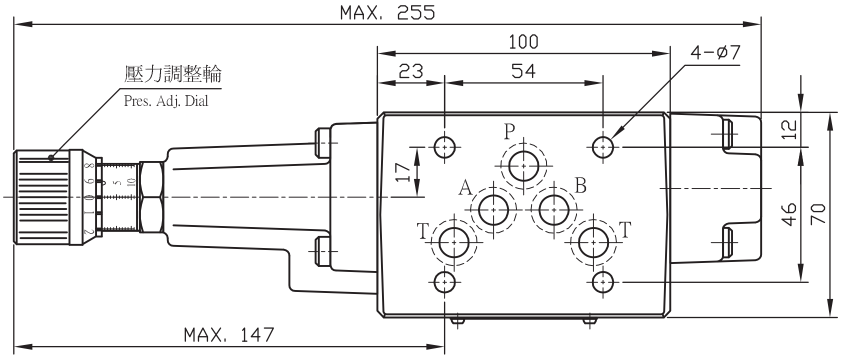


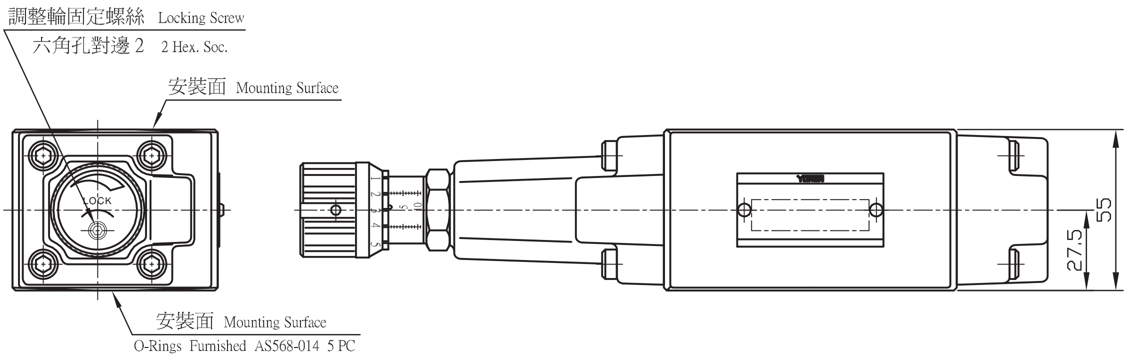
安裝尺寸 DIMENSIONS

安裝尺寸符合 : ISO 4401-AC-05-4-A
Mounting Surface : ISO 4401-AC-05-4-A

DIMENSIONS IN MILLIMETRES

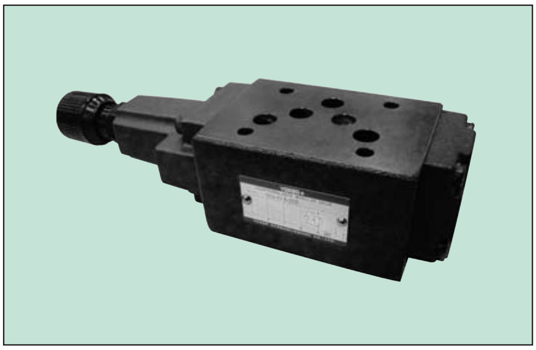
MHP-03-*-



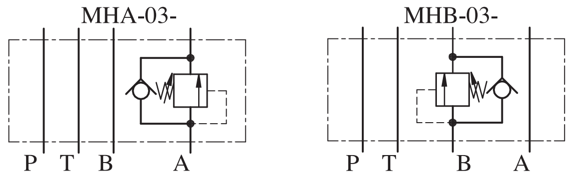


疊加式抗衡閥
COUNTERBALANCE MODULAR VALVES

最高工作壓力 25 MPa
Max. Operating Pressure



油壓符號 GRAPHIC SYMBOLS



規格 RATING

Model No.	Max. Operating Pressure MPa (kgf/cm²)	Max. Adj. Pres. MPa (kgf/cm²)	Max. Flow L/min	Mass kg
MHA-03-*-2070	25 (255)	14 (143)	50	3.5
MHB-03-*-2070				

型號意義 MODEL NUMBER DESIGNATION

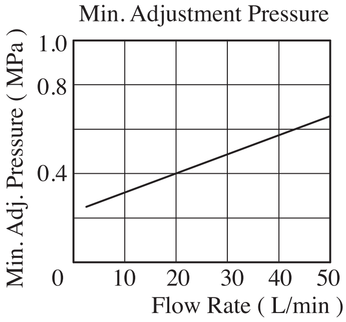
MHA	-03	-N	-2070
Series Number	Valve Size	Pres. Adj. Range MPa (kgf/cm²)	Design Number
Counterbalance Modular Valves MHA : For A - Line MHB : For B - Line	03	N : 0.25 (2.5) ~ 1.8 (18)*1 A : 1.8 (18) ~ 3.5 (36) B : 3.5 (36) ~ 7 (71) C : 7 (71) ~ 14 (143)	2070

*1. See " Min. Adjustment pressure " for the item " Pres. Adj. Range N .

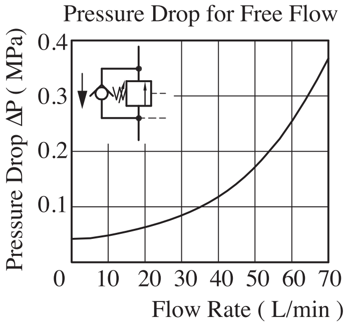
性能曲線 PERFORMANCE CURVES

Hydraulic Fluid : Viscosity 35 cSt (35 mm²/s) , Specific Gravity 0.850

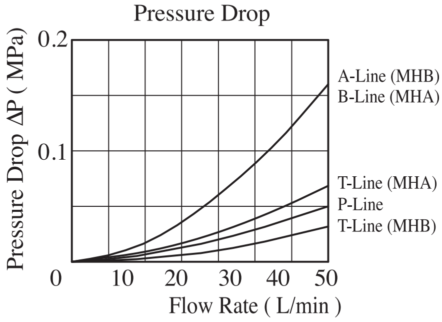
最低調整壓力特性
Min. Adjustment Pressure



自由流壓力降特性
Pressure Drop for Free Flow



壓力降特性
Pressure Drop

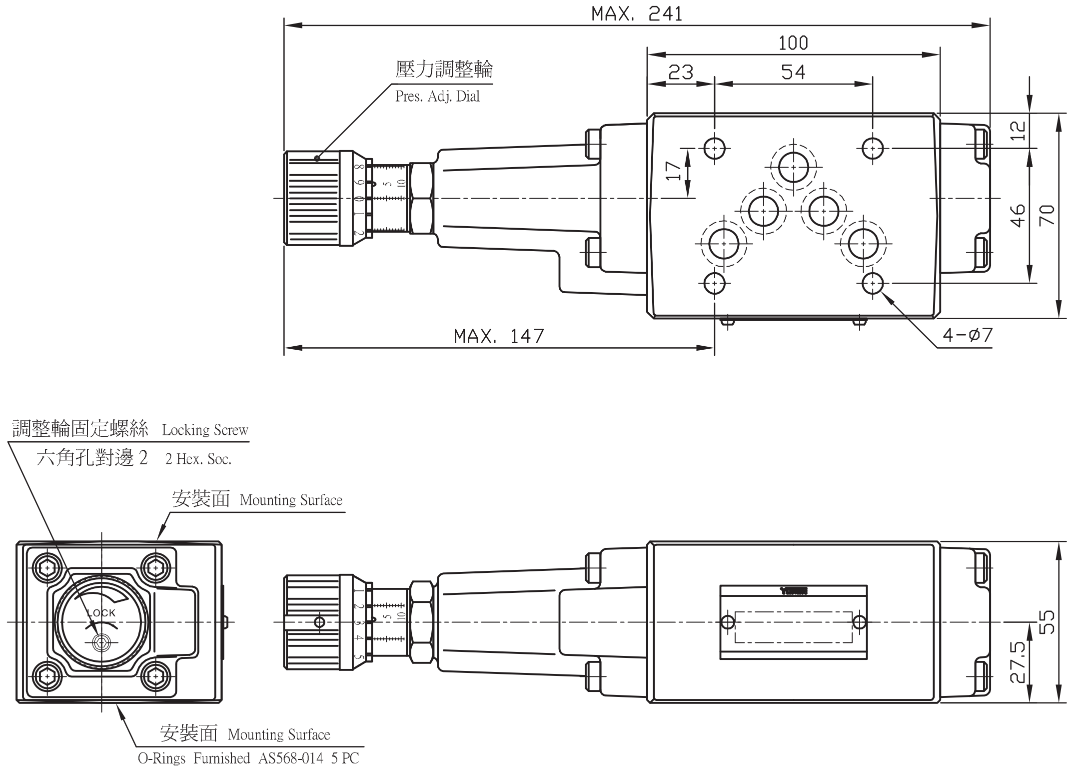


安裝尺寸 DIMENSIONS

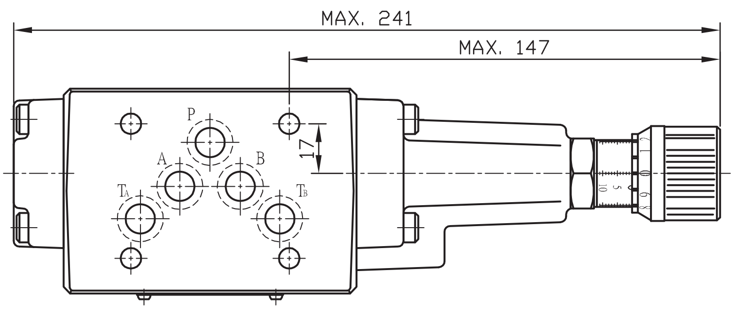
安裝尺寸符合：ISO 4401-AC-05-4-A
Mounting Surface : ISO 4401-AC-05-4-A

DIMENSIONS IN MILLIMETRES

MHA-03-*-

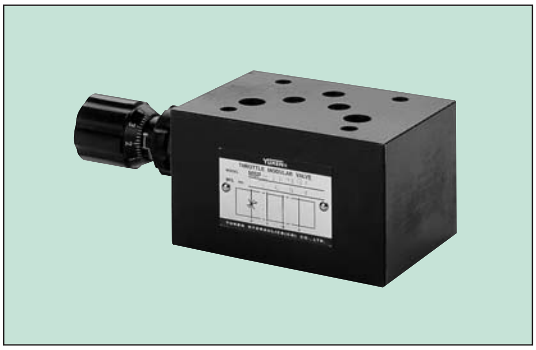


MHB-03-*-

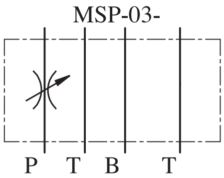


疊加式節流閥
THROTTLE MODULAR VALVES

最高工作壓力 25 MPa
Max. Operating Pressure



油壓符號 GRAPHIC SYMBOLS



規格 RATINGS

Model No.	Max. Operating Pressure MPa (kgf/cm^2)	Max. Flow L/min	Mass kg
MSP-03-30	25 (255)	70 *1	3.0

*1 Maximum flow decreases when the differential pressure is less then 1 MPa (10 kgf/cm^2).
See "Pressure Drop at Spool fully Open"

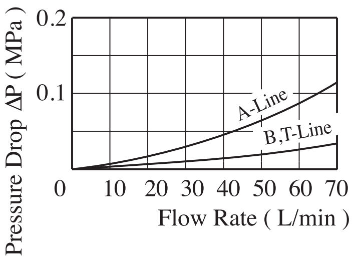
型號意義 MODEL NUMBER DESIGNATION

MSP	-03	-30
Series Number	Valve Size	Design Number
Throttle Modular Valves MSP : For P - Line	03	30

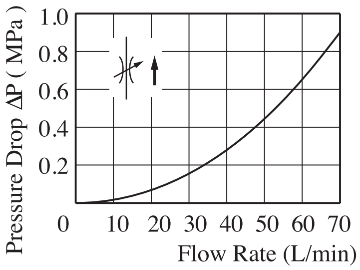
性能曲線 PERFORMANCE CURVES

Hydraulic Fluid : Viscosity 35 cSt (35 mm^2/s) , Specific Gravity 0.850

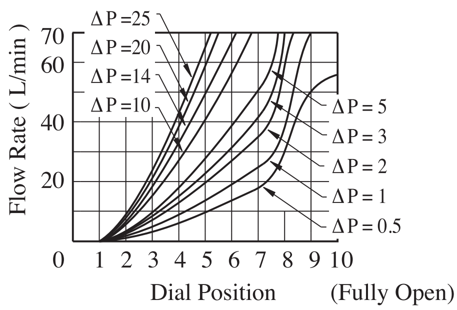
各油路壓力降特性
Pressure Drop



調整輪全開時壓力降特性
Pressure Drop at Spool Fully Open (P-Line)



開度–流量特性
Metred Flow vs. Dial Position
ΔP : Differential Pressure (MPa)

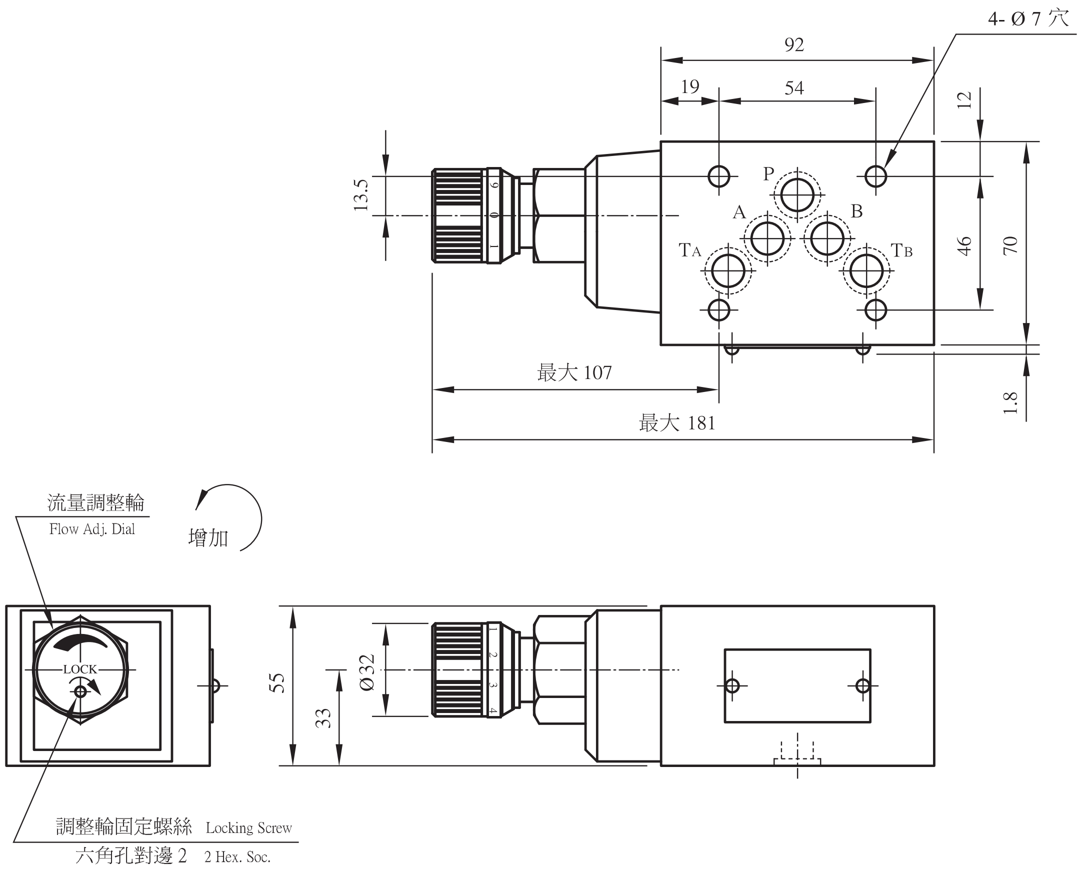


安裝尺寸 DIMENSIONS

安裝尺寸符合 : ISO 4401-AC-05-4-A
Mounting Surface : ISO 4401-AC-05-4-A

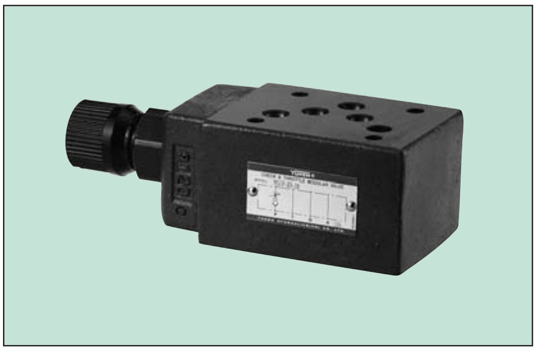
DIMENSIONS IN MILLIMETRES

MSP-03

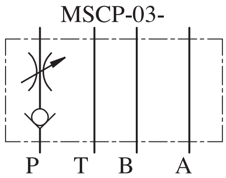


疊加式節流單向閥
CHECK AND THROTTLE MODULAR VALVES

最高工作壓力 25 MPa
Max. Operating Pressure



油壓符號 GRAPHIC SYMBOLS



規格 RATINGS

Model No.	Max. Operating Pressure MPa (kgf/cm²)	Max. Flow L/min	Mass kg
MSCP-03-20	25 (255)	70 *1	3.0

*1 Maximum flow decreases when the differential pressure is less then 0.8 MPa (8 kgf/cm^2).
See "Pressure Drop at Spool fully Open"

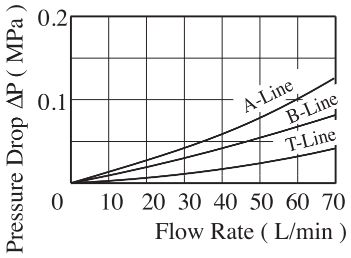
型號意義 MODEL NUMBER DESIGNATION

MSCP	-03	-20
Series Number	Valve Size	Design Number
Check and Throttle Modular Valves MSCP : For P - Line	03	20

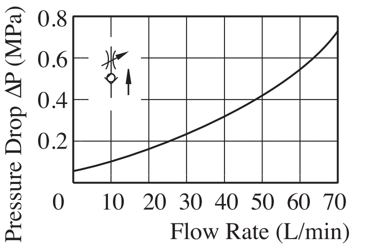
性能曲線 PERFORMANCE CURVES

Hydraulic Fluid : Viscosity 35 cSt (35 mm^2/s) , Specific Gravity 0.850

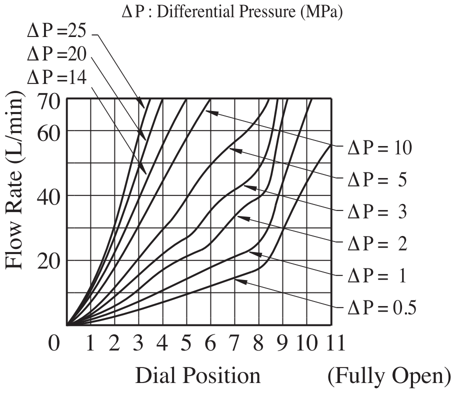
各油路壓力降特性
Pressure Drop



調整輪全開時壓力降特性
Pressure Drop at Spool Fully Open (P-Line)



開度−流量特性
Metred Flow vs. Dial Position
ΔP : Differential Pressure (MPa)

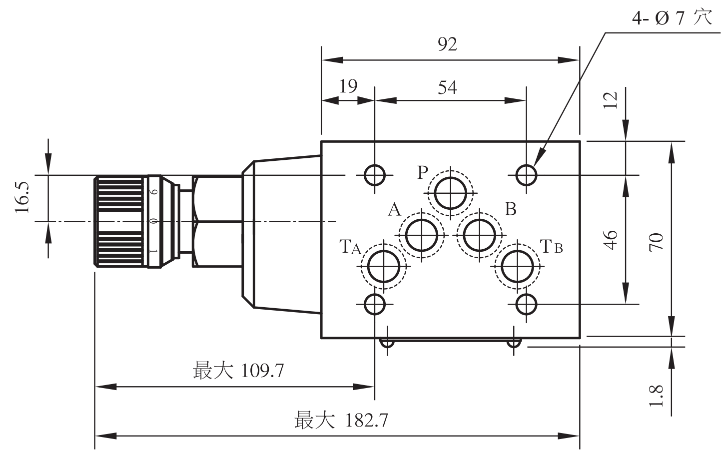


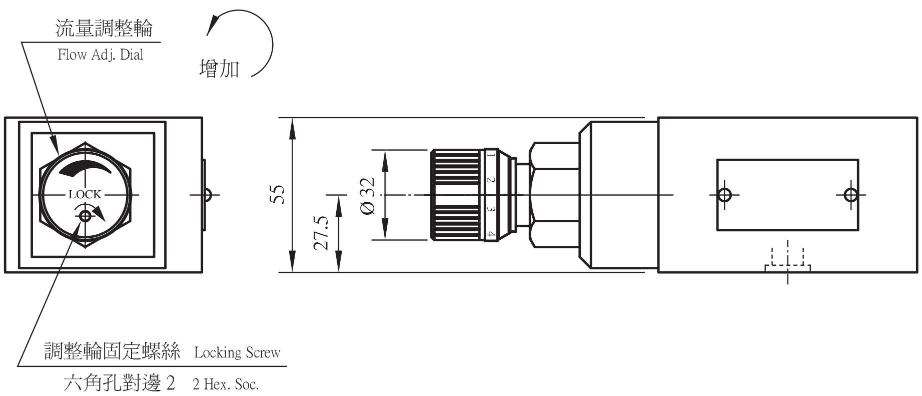
安裝尺寸 DIMENSIONS

安裝尺寸符合 : ISO 4401-AC-05-4-A
Mounting Surface : ISO 4401-AC-05-4-A

DIMENSIONS IN MILLIMETRES

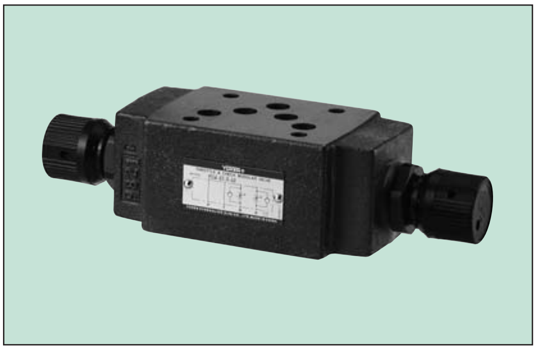
MSCP-03



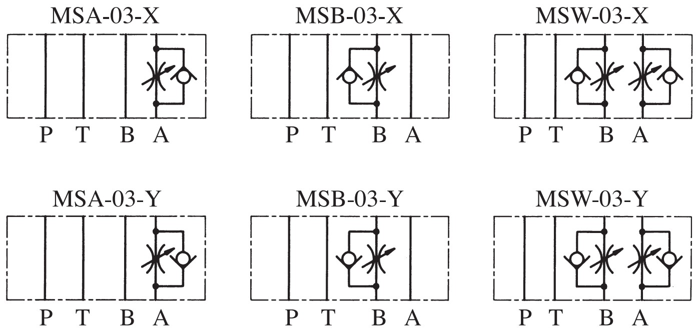


疊加式單向節流閥
THROTTLE AND CHECK MODULAR VALVES

最高工作壓力 25 MPa
Max. Operating Pressure



■ 油壓符號 GRAPHIC SYMBOLS



■ 規格 RATING

Model No.	Max. Operating Pressure MPa (kgf/cm^2)	Max. Flow L/min	Mass Kg
MSA-03-⁎-40	25 (255)	120	3.5
MSB-03-⁎-40			
MSW-03-⁎-40			3.7

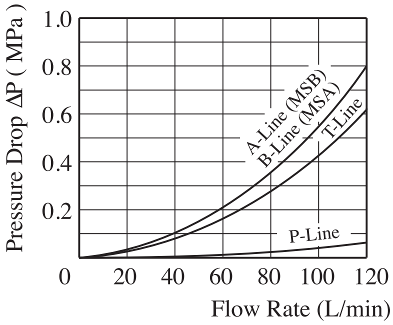
■ 型號意義 MODEL NUMBER DESIGNATION

MSA	-03	-X	-40
Series Number	Valve Size	Direction Of Flow	Design Number
Throttle And Check Modular Valves MSA : A-Line MSB : B-Line MSW : A,B-Line	03	X:Meter-Out Y:Meter-In	40

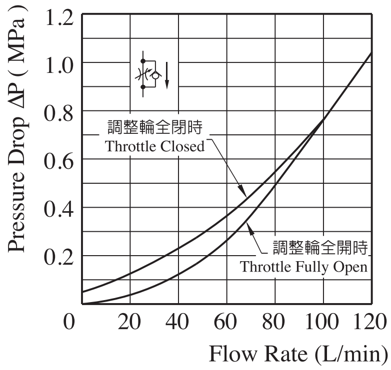
性能曲線 PERFORMANCE CURVES

Hydraulic Fluid : Viscosity 35 cSt (35 mm²/s) , Specific Gravity 0.850

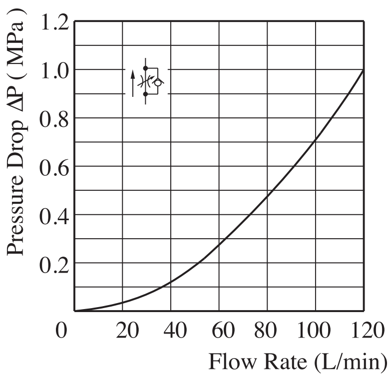
壓力降特性 (MHA)
Pressure Drop



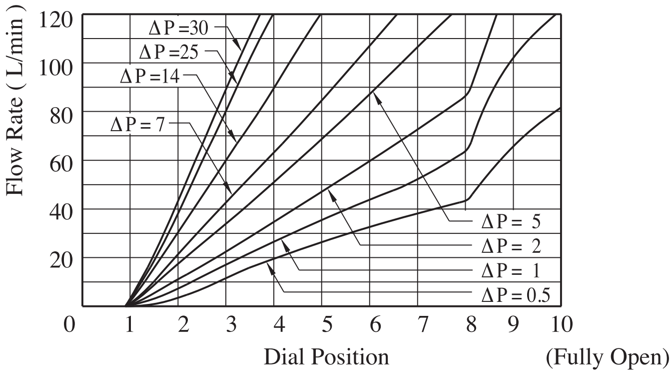
自由流壓力降特性
Pressure Drop for Free Flow



調整輪全開時壓力降特性
Pressure Drop at Spool Fully Open (P-Line)



開度–流量特性
Metred Flow vs. Dial Position
ΔP : Differential Pressure (MPa)

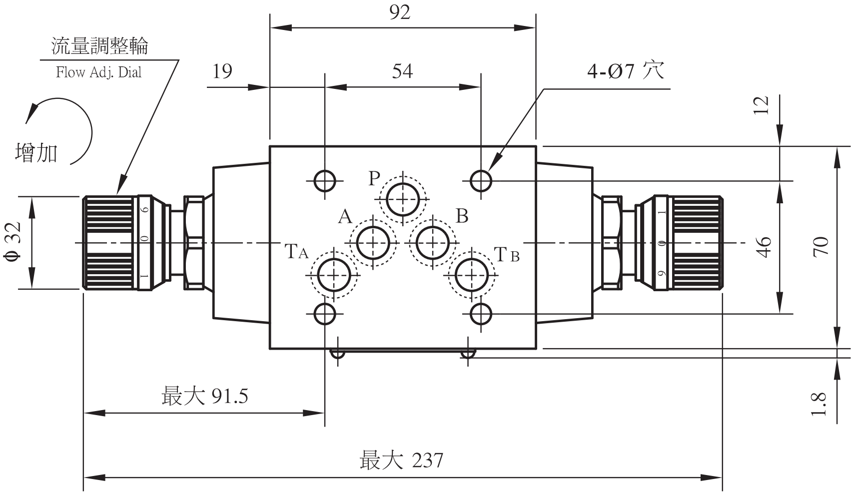


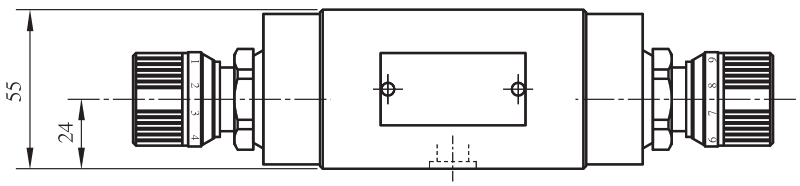
安裝尺寸 DIMENSIONS

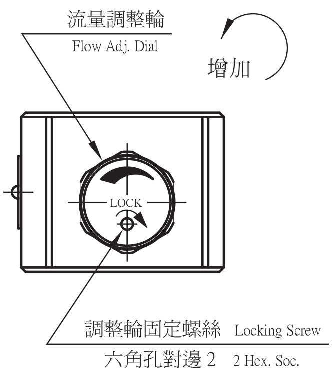
安裝尺寸符合 : ISO 4401-AC-05-4-A
Mounting Surface : ISO 4401-AC-05-4-A

DIMENSIONS IN MILLIMETRES

MSW-03-X/Y





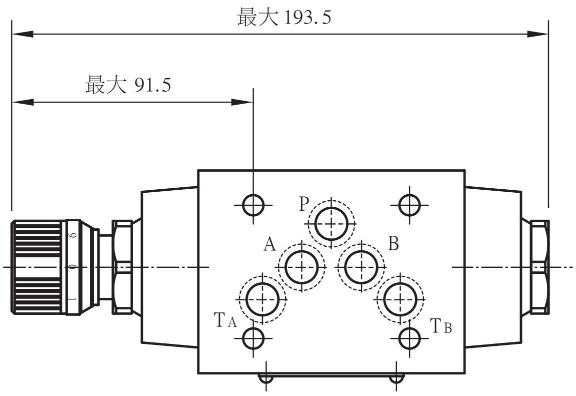


安裝尺寸 DIMENSIONS

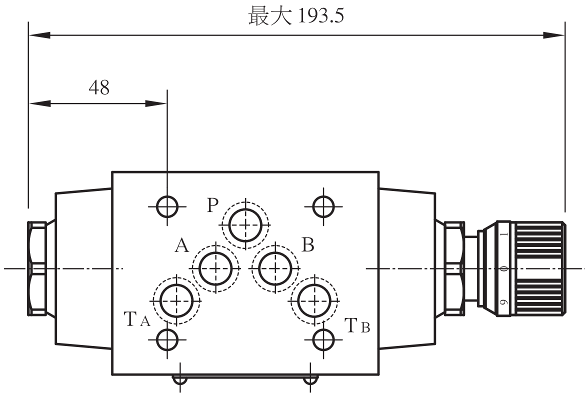
安裝尺寸符合 : ISO 4401-AC-05-4-A
Mounting Surface : ISO 4401-AC-05-4-A

DIMENSIONS IN MILLIMETRES

MSA-03-X/Y

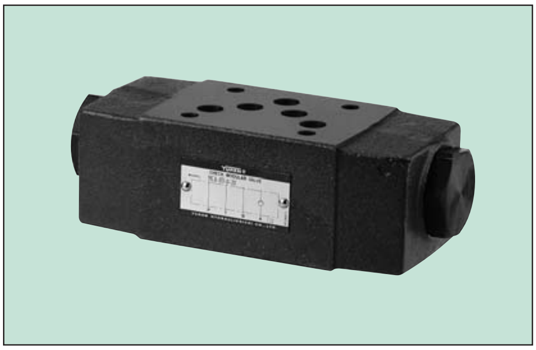


MSB-03-X/Y

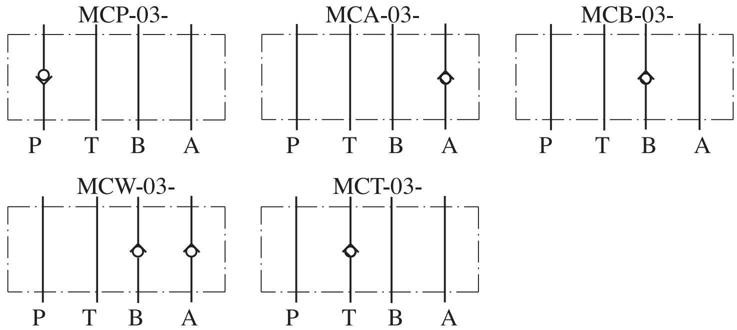


疊加式單向閥 CHECK MODULAR VALVES

最高工作壓力 25 MPa
Max. Operating Pressure



油壓符號 GRAPHIC SYMBOLS



規格 RATING

Model No.	Max. Operating Pressure MPa (kgf/cm^2)	Max. Flow L/min	Mass kg
MCP-03-*-10	25 (255)	70	2.5
MCA-03-*-20			3.5
MCB-03-*-20			
MCW-03-*-20			
MCT-03-*-10			2.8

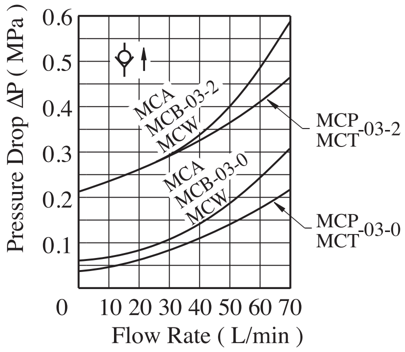
型號意義 MODEL NUMBER DESIGNATION

MCP	-03	-0	-10
Series Number	Valve Size	Cracking Pressure MPa (kgf/cm^2)	Design Number
Check Modular Valves MCP : For P - Line	03	0 : 0.035 (0.36) 2 : 0.2 (2.0)	10
MCA : For A - Line MCB : For B - Line MCW : For A . B - Line			20
MCT : For T - Line			30

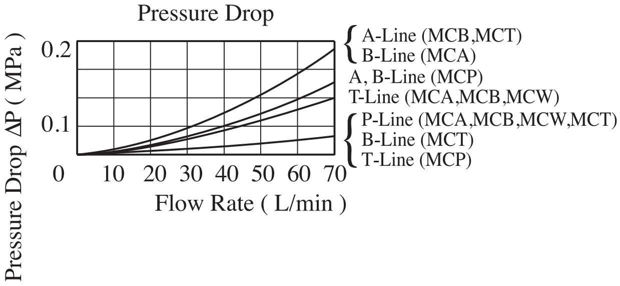
性能曲線 PERFORMANCE CURVES

Hydraulic Fluid : Viscosity 35 cSt (35 mm^2/s) , Specific Gravity 0.850

自由流壓力降特性
Pressure Drop for Free Flow



各油路壓力降特性
Pressure Drop

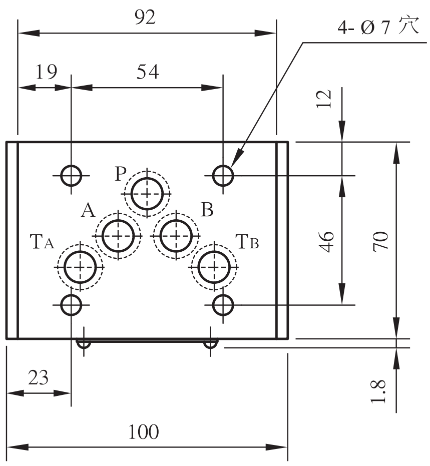


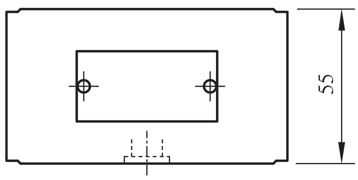
安裝尺寸 DIMENSIONS

安裝尺寸符合 : ISO 4401-AC-05-4-A
Mounting Surface : ISO 4401-AC-05-4-A

DIMENSIONS IN MILLIMETRES

MCP-03



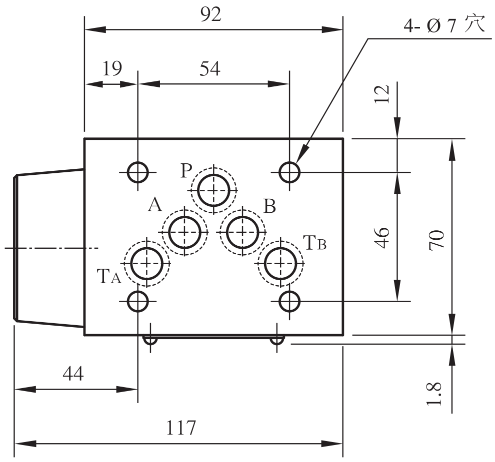


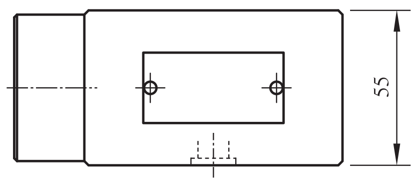
安裝尺寸 DIMENSIONS

安裝尺寸符合 : ISO 4401-AC-05-4-A
Mounting Surface : ISO 4401-AC-05-4-A

DIMENSIONS IN MILLIMETRES

MCT-03



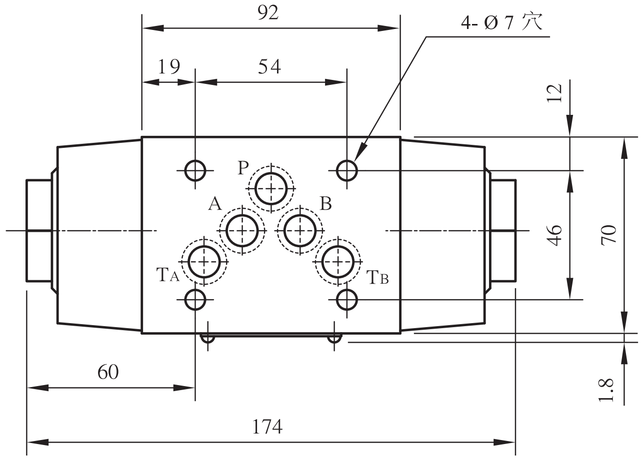


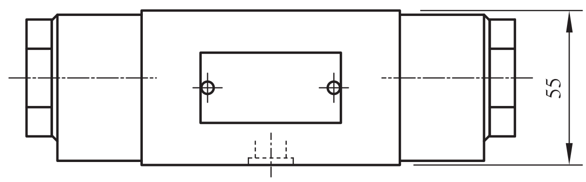
安裝尺寸 DIMENSIONS

安裝尺寸符合 : ISO 4401-AC-05-4-A
Mounting Surface : ISO 4401-AC-05-4-A

DIMENSIONS IN MILLIMETRES

MCA-03
MCB-03
MCW-03

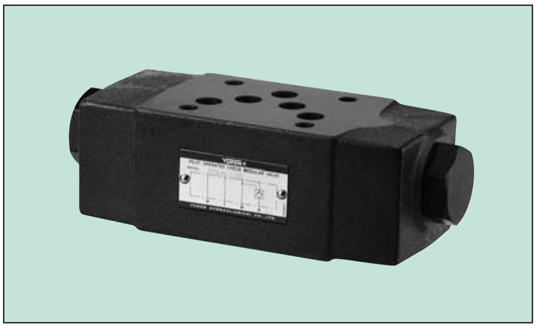




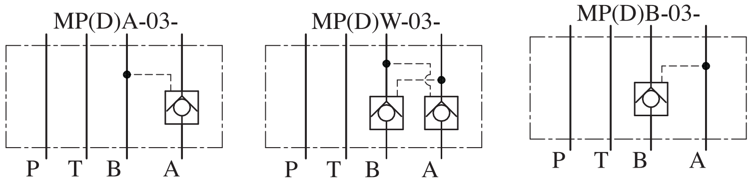
油壓機器

疊加式先導單向閥
PILOT OPERATED CHECK MODULAR VALVES

最高工作壓力 25 MPa
Max. Operating Pressure



■ 油壓符號 GRAPHIC SYMBOLS



■ 規格 RATING

Model No.	Max. Operating Pressure MPa (kgf/cm^2)	Max. Flow L/min	Mass Kg
MPA-03-*-20	25 (255)	70	3.5
MPB-03-*-20			
MPW-03-*-20			
MPDA-03-*-2071			
MPDB-03-*-2071			
MPDW-03-*-2071			

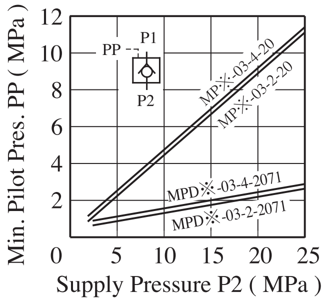
■ 型號意義 MODEL NUMBER DESIGNATION

MPDW	-03	-2	-2071
Series Number	Valve Size	Cracking Pressure MPa (kgf/cm^2)	Design Number
Pilot Operated Check Modular Valves MPA : For A - Line MPB : For B - Line MPW : For A , B - Line	03	2 : 0.2 (2) 4 : 0.4 (4.1)	20
Decompression Type Pilot Operated Check Modular Valves MPDA : For A - Line MPDB : For B - Line MPDW : For A , B - Line			2071

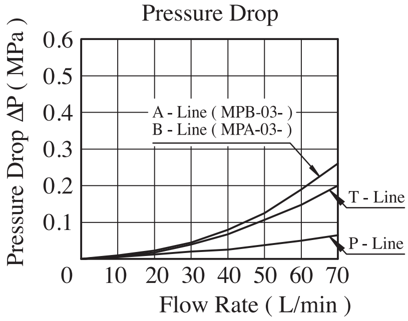
■ 性能曲線 PERFORMANCE CURVES

Hydraulic Fluid : Viscosity 35 cSt (35 mm^2/s) , Specific Gravity 0.850

最低開啓壓力特性
Min. Pilot Pressure



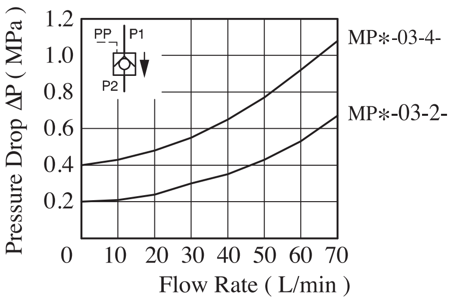
各油路壓力降特性
Pressure Drop



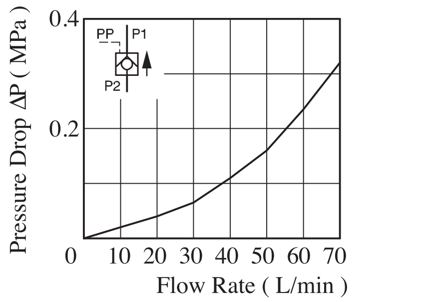
■ 性能曲線 PERFORMANCE CURVES

Hydraulic Fluid : Viscosity 35 cSt (35 mm^2/s) , Specific Gravity 0.850

自由流壓力降
Pressure Drop for Free Flow



逆自由流壓力降
Pressure Drop for Reversed Controlled Flow

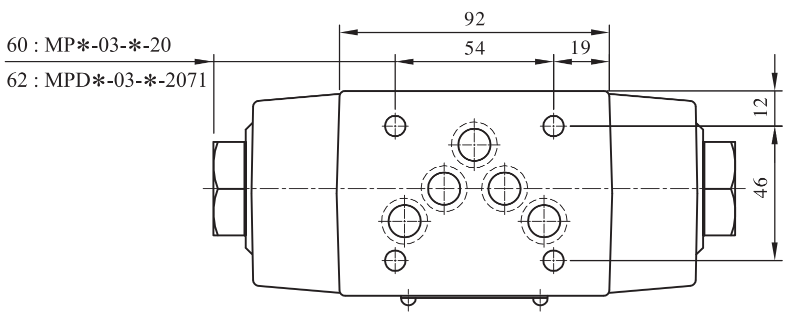


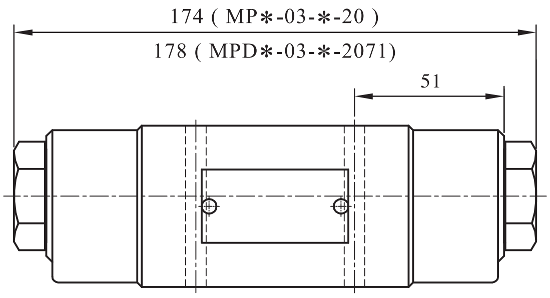
安裝尺寸 DIMENSIONS

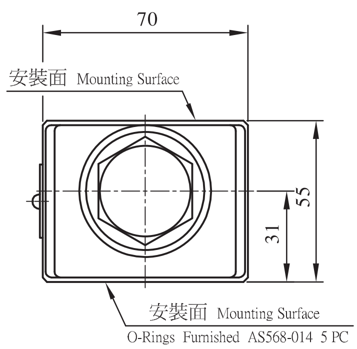
安裝尺寸符合 : ISO 4401-AC-05-4-A
Mounting Surface : ISO 4401-AC-05-4-A

DIMENSIONS IN MILLIMETRES

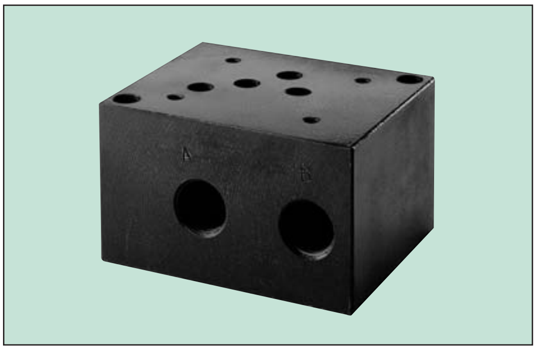
■ MPD∗-03-∗-



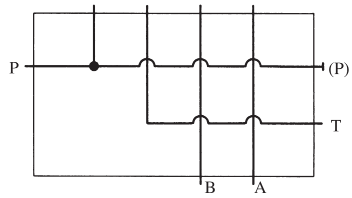




基礎板
BASE PLATES



油壓符號 GRAPHIC SYMBOLS



MMC-03-1

規格 RATING

Model No.	Max. Operating Pressure MPa (kgf/cm²)	Max. Flow L/min
MMC-03-1-	25 (255)	70

型號意義 MODEL NUMBER DESIGNATION

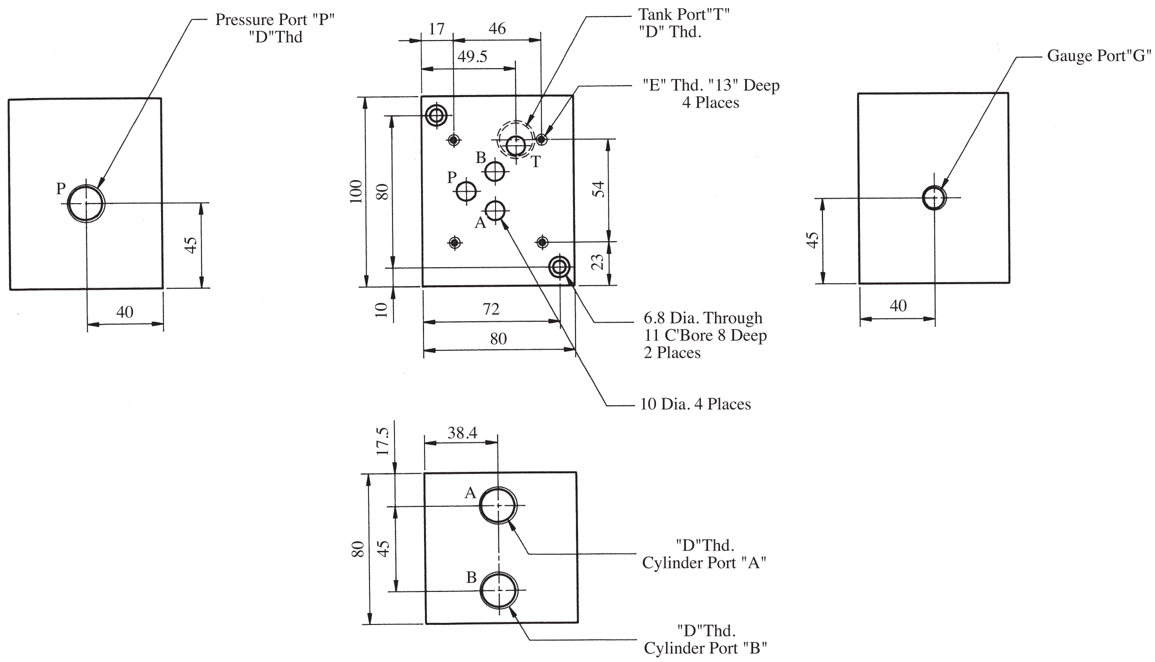
MMC	-03	-1	-21T
系列名稱 Series Number	口徑 Plate Size	連數 Number of Stations	設計代號 Design Number
基礎板 MMC: Base Plates	03	1:1 Station	21T*

* 設計標準：21T . . . . .台灣油研設計標準
2190T . . .北美設計標準

* Design Standards 21T . . . . .Yuken Taiwan Standard
2190T . . .N. American Design Standard

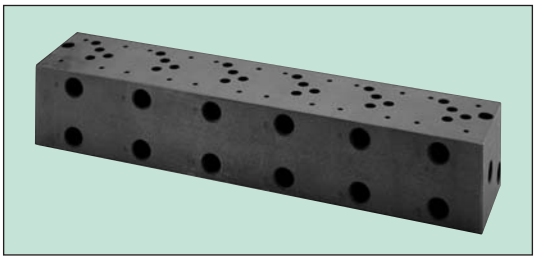
安裝尺寸 DIMENSIONS

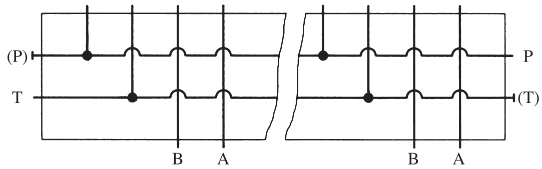
● **MMC-03-1-21T/2190T**



Model Numbers	Piping Size "D" Thd.	"E" Thd.	Gauge Port "G"	Mass
MMC-03-1-21T	Rc 1/2	M6	Rc 1/4	3.3 kg
MMC-03-1-2190T	1/2 NPT	1/4-20 UNC	1/4 NPT	

基礎板
BASE PLATES





MMC-03-2~6

規格 RATING

Model No.	Max. Operating Pressure MPa (kgf/cm²)	Max. Flow L/min
MMC-03-*-	25 (255)	70

型號意義 MODEL NUMBER DESIGNATION

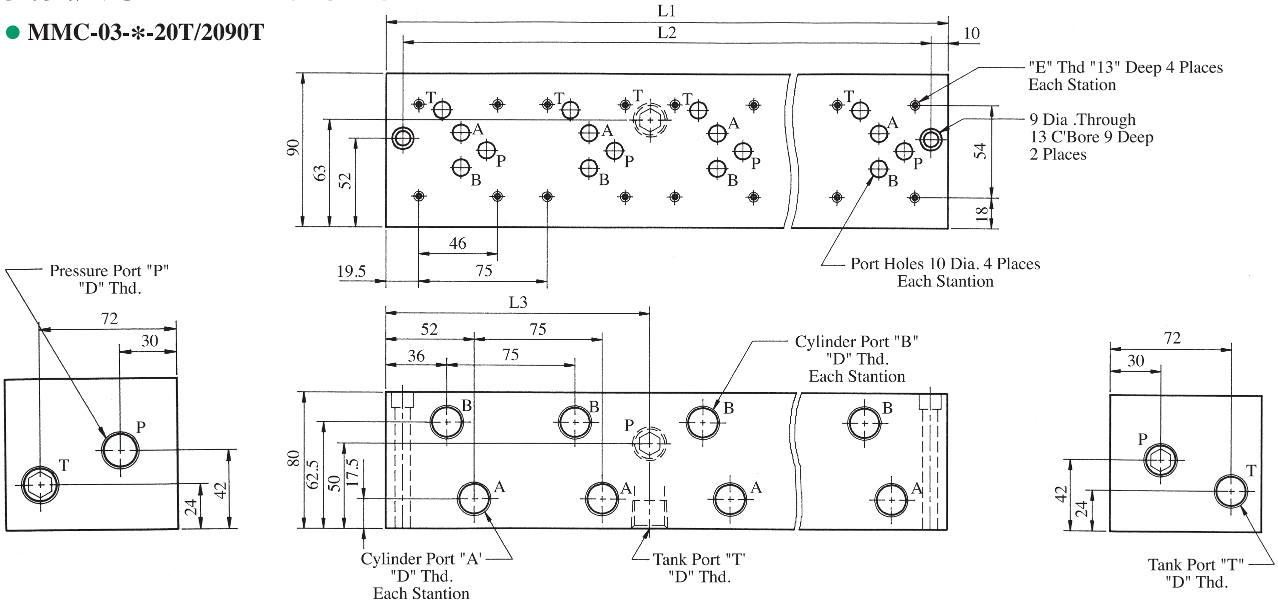
MMC	-03	-6	-20T
系列名稱 Series Number	口徑 Plate Size	連數 Number of Station	設計代號 Design Number
基礎板 MMC: Base Plate	03	2:2 Stations 3:3 Stations 4:4 Stations 5:5 Stations 6:6 Stations	20T*

＊ 設計標準：20T . . . . .台灣油研設計標準
2090T . . .北美設計標準

* Design Standards 20T . . . . .Yuken Taiwan Standard
2090T . . .N. American Design Standard

安裝尺寸 DIMENSIONS

● **MMC-03-*-20T/2090T**



Model Numbers	Piping Size "D" Thd.	"E" Thd.	Dimension mm L1	L2	L3	Mass
MMC-03-2-20T	Rc 1/2	M6	160	140	80	7.7 kg
MMC-03-2-2090T	1/2 NPT	1/4-20 UNC				
MMC-03-3-20T	Rc 1/2	M6	235	215	80	11.4 kg
MMC-03-3-2090T	1/2 NPT	1/4-20 UNC				
MMC-03-4-20T	Rc 1/2	M6	310	290	155	15.15 kg
MMC-03-4-2090T	1/2 NPT	1/4-20 UNC				
MMC-03-5-20T	Rc 1/2	M6	385	365	155	19.05 kg
MMC-03-5-2090T	1/2 NPT	1/4-20 UNC				
MMC-03-6-20T	Rc 1/2	M6	460	440	230	22.65 kg
MMC-03-6-2090T	1/2 NPT	1/4-20 UNC				
MMC-03-7-20T	Rc 1/2	M6	535	515	230	26.4 kg
MMC-03-7-2090T	1/2 NPT	1/4-20 UNC				