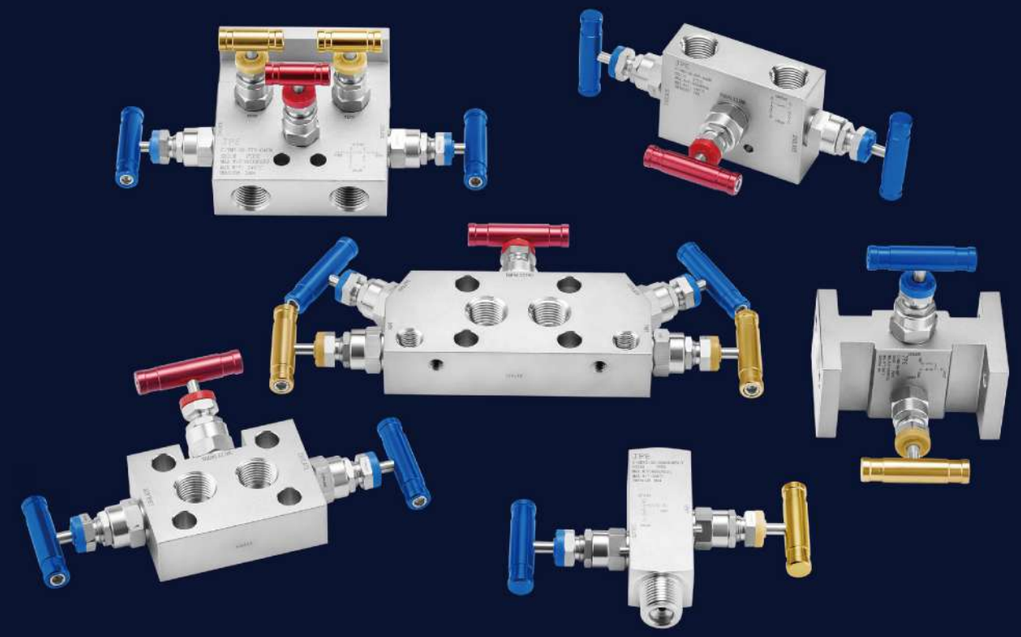
再版日期：2024.04
印刷日期：2024.04
Copyright © 2024 by Yean Hern Corp. All rights reserved.
版權所屬 沅亨興業股份有限公司

JPE



台灣公司 TAIWAN OFFICE
Yean Hern Corp. ｜ 沅亨興業股份有限公司
No. 28, Heye 8th Rd., Daliao Dist., Kaohsiung City 831130, Taiwan
831130高雄市大寮區和業八路28號
T. +886-7-7874567 ｜ F. +886-7-7887867
E. yeanhern@jpeyh.com

昆山公司 KUNSHAN OFFICE
JPE Yean Hern Co.,Ltd. ｜ 沅亨流體科技(昆山)有限公司
No. 128, Qianan Rd., Dianshanhu Town, Kunshan City 215345, Jiangsu Province, China ｜ 215345江蘇省昆山市淀山湖鎮錢安路128號
T. +86-512-57489663 ｜ F. +86-512-57489668
E. ksyh@jpeyh.com

張家港公司 ZHANGJIAGANG OFFICE
JPE Yean Hern Co.,Ltd. ｜ 沅亨流體科技(張家港)有限公司
No.35, YueFeng Rd., Yangshe Town, Zhangjiagang City 215600,Jiangsu Province, China ｜ 215600江蘇省張家港市楊舍鎮悅豐路35號
T. +86-512-58797921 ｜ F. +86-512-58267839
E. monica.ding@jpeyh.com

VALVE MANIFOLDS & GAUGE VALVES & BLEED VALVES & MONOFLANGE

閥組&壓力表閥&洩放閥&工藝介面

INDEX 目錄

VM 閥組 02
VALVE MANIFOLDS

VM2 二閥組 10
VM2 2 VALVE MANIFOLDS

VM3 三閥組 14
VM3 3 VALVE MANIFOLDS

VM5 五閥組 17
VM5 5 VALVE MANIFOLDS

GRV / GRV2 壓力表閥 22
GAUGE VALVES

JSC 洩放閥 30
BLEED VALVES

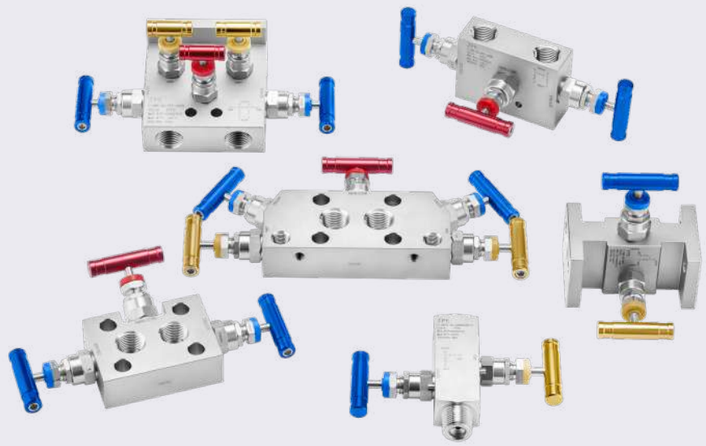
工藝整合閥組 34
INTEGRAL BLOCK & BLEED VALVES

MFV1 工藝單法蘭 36
MFV1 MONOFLANGE

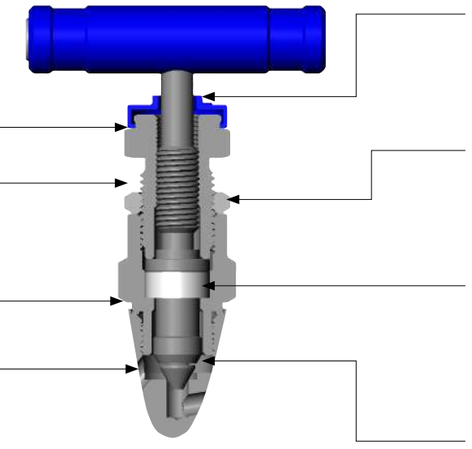
DBB 工藝介面閥 44
DBB MONOFLANGE

MFV2 工藝台管閥 48
MFV2 MONOFLANGE

VM
閥組
VALVE MANIFOLDS



特點
CHARACTERISTICS



外部填料螺栓可簡易調整填料

External packing bolt allows easy packing adjustment

軋製閥杆螺紋延長使用壽命

Rolled stem threads for long service life

金屬密封結構確保安全性

Metal seal construction ensures safety

無旋轉閥芯提供可靠關斷和最大循環壽命

Non rotating stem tip for positive shutoff and maximum cycle life

防塵蓋防止污垢和灰塵進入閥杆螺紋內

Dust cap protects stem threads against ingress of dirt and dust

固定螺帽避免填料螺栓在運作中松脫

Locking nut prevents packing bolt from lossening while in service

填料在閥杆螺紋下方，防止閥杆螺紋被流體磨損、腐蝕和污染

Packings below stem threads to prevent galling, corrosion and contamination by media

背閥座在全開時提供第二密封並防止閥杆飛出

Back seating in fully open position provides secondary stem seal and anti-blow out of stem

特性
FEATURES

- JPE 閥組共有二 / 三 / 五閥組可供選擇
- 可提供遠程安裝及直接安裝兩種類別
- 閥組型式：螺紋接口一體型 / 單法蘭 T 型 / 雙法蘭 H 型 / 單法蘭一體型 / 3051 直接安裝型 / 天然氣計量型。
- 本體為冷抽棒材，材質符合 ASTM A276 / A479 或鍛造 ASTM A182 標準
- 上密封元件材質標準配置聚四氟乙烯 (PTFE) 或石墨 (Graphite)
- 通過 ISO 15848-1 工業用閥門 - 低逸散的量測、測試和認證程序
- 最大工作壓力：6000 psig (414bar) @RT
- 專為壓力傳送器的截止與排放設計及液位用途使用
- 100% 出廠前進行氮氣 1000psig 功能性檢測及密封試驗

- JPE valve manifolds：2/3/5 Valve manifolds
- Available with Direct-mounting(pipe to flange & flange to flange)or Remote-mounting(pipe to pipe)
- Various types including：Thread End Block Type/Single Flange T Type/ Dual Flange H Type/Single Block Type/For Pressure Transmitter Model 3051/Natural Gas Metering Pattern
- Cold draw bar, material complies with ASTM A276 / A479 or forged ASTM A182
- ISO 15848-1 Industrial valves - Measurement, test and qualification procedures for fugitive emissions certified
- PTFE packing as standard, Graphite packing as option
- MAX Working Pressure：6000 psig (414bar) @RT
- Design for isolation and bleed of differential pressure transmitter and liquid level applications
- 100% functional test and closure test with nitrogen at 1000psig

把手顏色編碼
HANDLE COLOR CODES

- 把手和防塵蓋以顏色編碼以辨別閥的功能：

隔離 / 截止	ISOLATE / BLOCK
排放 / 測試	VENT / TEST
平衡	EQUALIZE

- Handles and dust cap are color coded to indentify the functions of the valves：

閥組功能
FUNCTIONS OF THE VALVE MANIFOLDS

二閥組 2 VALVE MANIFOLDS

- 設計為供靜壓和液位用途使用
- 由一個截止閥和一個排放閥組成

- Designed for static pressure and liquid level applications
- Consist of one block valve and one bleed valve

三閥組 3 VALVE MANIFOLDS

- 設計為差壓用途使用
- 由二個截止閥和一個平衡閥組成

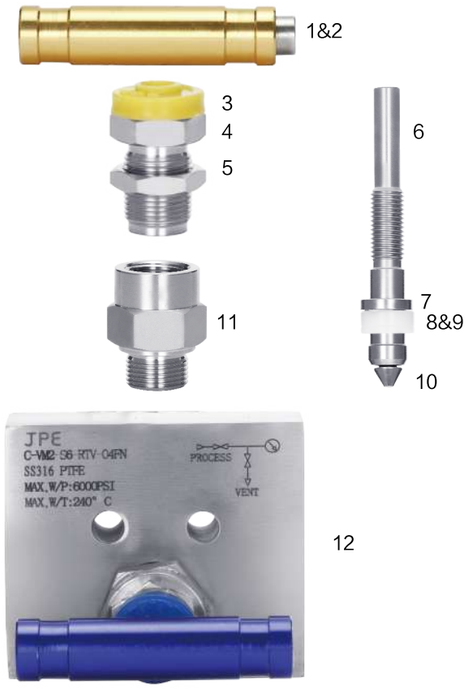
- Designed for differential pressure applications
- Consist of two block valves and one equalizer valve

五閥組 5 VALVE MANIFOLDS

- 設計為差壓用途使用
- 由二個截止閥、二個排放閥和一個平衡閥組成
- 另有氣體計量型，由二個截止閥、一個排放閥和二個平衡閥組成

- Designed for differential pressure applications
- Constist of two block valves, two bleed valves and one equalizer valve
- Natural gas metering pattern available with two block valves, one bleed valve and two equalizer valves

材質結構
MATERIAL OF CONSTRUCTION



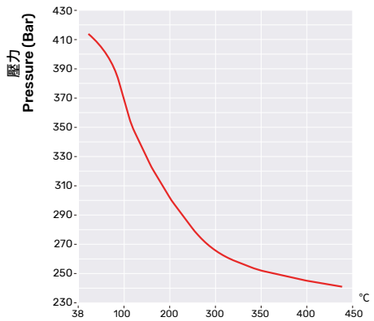
項次 Item	零件名稱 Part Description	材質 Material
1	手柄 Handle	Aluminum
2	手柄固定螺絲 Handle Set Screw	SS304
3	閥桿 Stem	SS316L
4	防塵蓋 Dust Cap	PVC
5	填料螺栓 Packing Bolt	SS316L
6	固定螺帽 Locking Nut	SS304
7	閥蓋 Bonnet	SS316L
8	壓蓋 Gland	SS316L
9	上部填料 Upper Packing	PTFE
10	下部填料 Lower Packing	PTFE
11	閥芯 Stem Tip	SS316L
12	本體 Body	SS316L

ORDERING INFORMATION 選型表

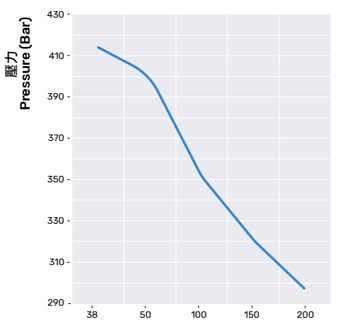
C -	VM3 -	S6 -	T	T	V -	04FN
產品大類 CLASSIFICATION	產品名稱 PRODUCT NAME	材質 MATERIAL	閥體型式 VALVE TYPE	填料 PACKING	閥桿型式 STEM TYPE	螺紋連接規格 CONNECTION TYPE
C：閥門類 VALVES	VM2：二閥組 2 VALVE MANIFOLDS	S6：SS316L	R：螺紋接口一體型 THREAD END BLOCK TYPE	T：PTFE 聚四氟乙烯	V：V 閥芯無旋轉閥桿 V-TIP NON-ROTATING STEM	04FR：1/2" 內螺紋 BSPT 1/2" FEMALE BSPT THREAD
	VM3：三閥組 3 VALVE MANIFOLDS		R1：螺紋接口一體 R1 型式 THREAD END BLOCK R1 TYPE	G：GRAPHITE 石墨		04FN：1/2" 內螺紋 NPT 1/2" FEMALE NPT THREAD
	VM5：五閥組 5 VALVE MANIFOLDS		R2：螺紋接口一體 R2 型式 THREAD END BLOCK R2 TYPE			* 雙法蘭 H 型無需填寫 *NULL FOR H TYPE
	VM2FE：低逸散二閥組 2 VALVE MANIFOLDS WITH FUGITIVE EMISSION		T：單法蘭 T 型 SINGLE FLANGE T TYPE			
	VM3FE：低逸散三閥組 3 VALVE MANIFOLDS WITH FUGITIVE EMISSION		H：雙法蘭 H 型 DUAL FLANGE H TYPE			
			P：單法蘭一體型 SINGLE FLANGE BLOCK TYPE			
			P1：單法蘭一體 P1 型 SINGLE FLANGE BLOCK P1 TYPE			
			P2：單法蘭一體 P2 型 SINGLE FLANGE BLOCK P2 TYPE			
			P3：單法蘭一體 P3 型 SINGLE FLANGE BLOCK P3 TYPE			
			GM：3051 直接安裝型 FOR PRESSURE TRANSMITTER MODEL 3051			
			N：天然氣計量型 NATURAL GAS METERING PATTERN			
			NH：天然氣計量雙法蘭 H 型 NATURAL GAS METERING DUAL FLANGE H TYPE			
			NT：天然氣計量單法蘭 T 型 NATURAL GAS METERING SINGLE FLANGE T TYPE			

- 法蘭型式：IEC 61518 Type B Flange
- 隨閥組附儀表端密封件
- 管道端密封件及緊固件為選配件
- 在閥門的使用壽命內，可能需調整填料螺母，以維持完整密封性
- 一段時間內無使用的閥門，把手可能會有較高的初始扭力
- 如需選購低逸散款式，在 JPE 產品編號中加上 FE。例：C-VM3FE-S6-TTV-04FN
- Flange Type：IEC 61518 Type B Flange
- With flange seals and bolts
- Mounting bracket kits are optional
- A packing nut adjustment may be required periodically to increase service life and to prevent leakage
- Valves that have not been cycled for a period of time may have a higher initial actuation torque
- Purchase Fugitive Emission type, insert FE into JPE product name. EX：C-VM3FE-S6-TTV-04FN

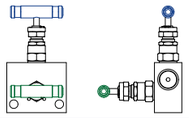
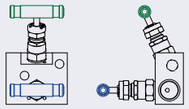
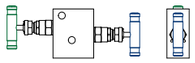
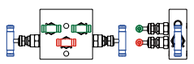
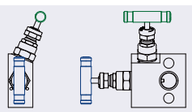
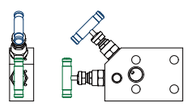
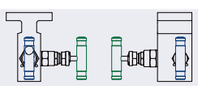
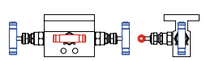
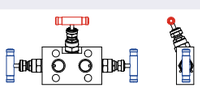
壓力 溫度 曲線圖 - 6000PSI 石墨
Pressure-Temperature Rating

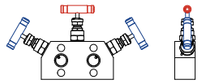
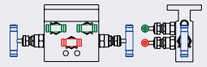
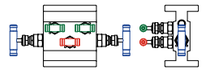
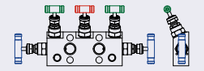
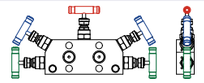
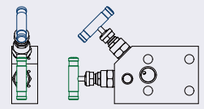
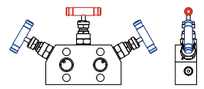
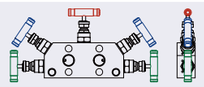
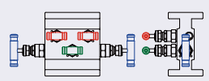
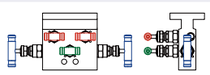


壓力 溫度 曲線圖 - PTFE
Pressure-Temperature Rating



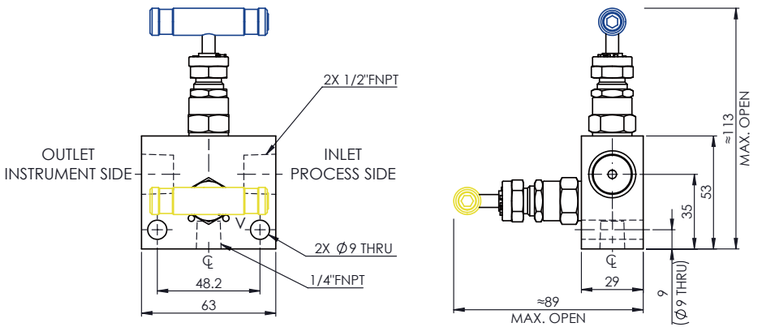
安裝類型
Mounting Type

安裝方式 Mounting Ways	閥組型式 Valve Type			閥組型式 Valve Type	頁數 Page
遠程安裝 Remote Mounting	二閥組 2 Valve Manifolds	一體型 Block Type	VM2-R 型 VM2-R Type		10
	二閥組 2 Valve Manifolds	一體型 Block Type	VM2-R1 型 VM2-R1 Type		10
	二閥組 2 Valve Manifolds	一體型 Block Type	VM2-R2 型 VM2-R2 Type		11
	三閥組 3 Valve Manifolds	一體型 Block Type	VM3-R 型 VM3-R Type		14
	五閥組 5 Valve Manifolds	一體型 Block Type	VM5-R 型 VM5-R Type		17
直接安裝 Direct Mounting	二閥組 2 Valve Manifolds	單邊法蘭型 Single Flange Type	VM2-P2 型 VM2-P2 Type		11
	二閥組 2 Valve Manifolds	單邊法蘭型 Single Flange Type	VM2-P3 型 VM2-P3 Type		12
	二閥組 2 Valve Manifolds	單邊法蘭型 Single Flange Type	VM2-T 型 VM2-T Type		12
	三閥組 3 Valve Manifolds	單邊法蘭型 Single Flange Type	VM3-T 型 VM3-T Type		14
	三閥組 3 Valve Manifolds	雙邊法蘭型 Dual Flange Type	VM3-H 型 VM3-H Type		15
	三閥組 3 Valve Manifolds	單法蘭一體型 Single Flange Block Type	VM3-P 型 VM3-P Type		15

安裝方式 Mounting Ways	閥組型式 Valve Type			閥組型式 Valve Type	頁數 Page
直接安裝 Direct Mounting	三閥組 3 Valve Manifolds	單法蘭一體型 Single Flange Block Type	VM3-P1 型 VM3-P1 Type		16
	五閥組 5 Valve Manifolds	單邊法蘭型 Single Flange Type	VM5-T 型 VM5-T Type		17
	五閥組 5 Valve Manifolds	雙邊法蘭型 Dual Flange Type	VM5-H 型 VM5-H Type		18
	五閥組 5 Valve Manifolds	單法蘭一體型 Single Flange Block Type	VM5-P 型 VM5-P Type		18
	五閥組 5 Valve Manifolds	單法蘭一體型 Single Flange Block Type	VM5-P1 型 VM5-P1 Type		19
3051 共面安裝 For Pressure Transmitter Model 3051	二閥組 2 Valve Manifolds	一體型 Block Type	VM2-GM 型 VM2-GM Type		13
	三閥組 3 Valve Manifolds	一體型 Block Type	VM3-GM 型 VM3-GM Type		16
	五閥組 5 Valve Manifolds	一體型 Block Type	VM5-GM 型 VM5-GM Type		19
天然氣計量型 Natural Gas Metering Pattern	五閥組 5 Valve Manifolds	雙邊法蘭型 Dual Flange Type	VM5-NH 型 VM5-NH Type		20
	五閥組 5 Valve Manifolds	單邊法蘭型 Single Flange Type	VM5-NT 型 VM5-NT Type		20

VM2
二閥組
2 VALVE MANIFOLDS

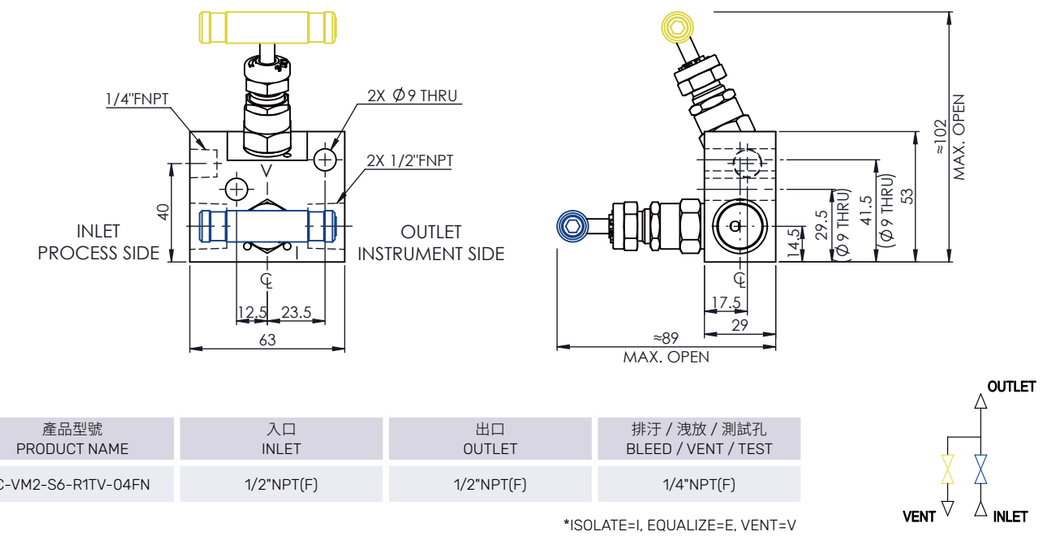
R 型 (一體型) / 遠程安裝型
R TYPE (BLOCK TYPE) / Remote Mounting



產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM2-S6-RTV-04FN	1/2"NPT(F)	1/2"NPT(F)	1/4"NPT(F)

*ISOLATE=I, EQUALIZE=E, VENT=V

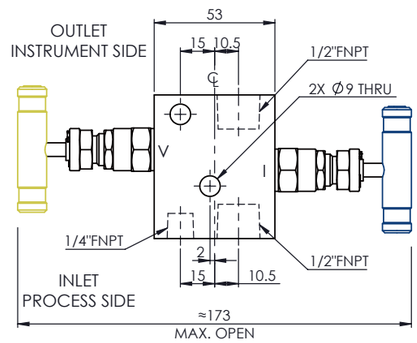
R1 型 (一體型) / 遠程安裝型
R1 TYPE (BLOCK TYPE) / Remote Mounting

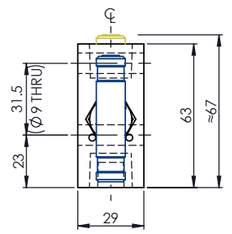


產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM2-S6-R1TV-04FN	1/2"NPT(F)	1/2"NPT(F)	1/4"NPT(F)

*ISOLATE=I, EQUALIZE=E, VENT=V

R2 型 (一體型) / 遠程安裝型
R2 TYPE (BLOCK TYPE) / Remote Mounting

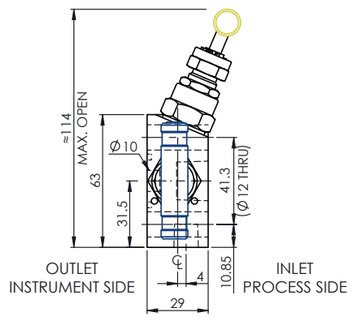


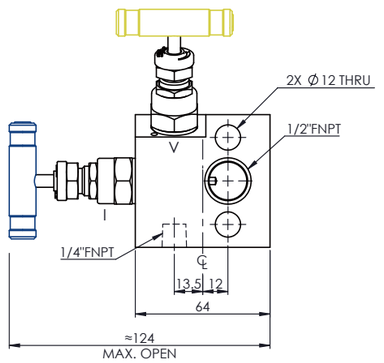


產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM2-S6-R2TV-04FN	1/2"NPT(F)	1/2"NPT(F)	1/4"NPT(F)

*ISOLATE=I, EQUALIZE=E, VENT=V

P2 型 (單邊法蘭型) / 直接安裝型
P2 TYPE (SINGLE FLANGE TYPE) / Direct Mounting

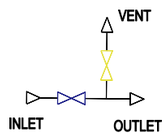




產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM2-S6-P2TV-04FN	1/2"NPT(F)	法蘭連接 IEC 61518 Type B FLANGE	1/4"NPT(F)

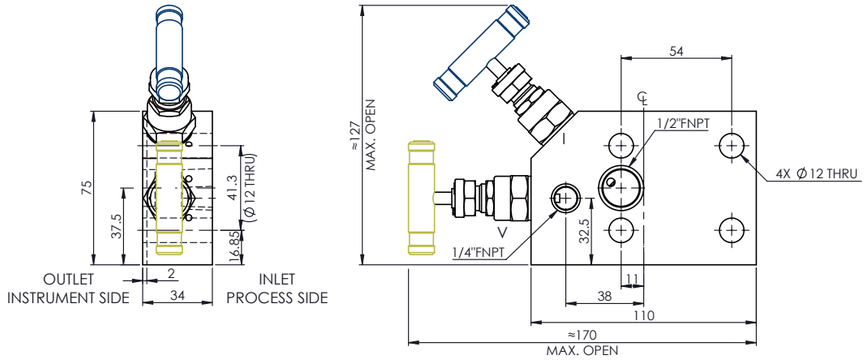
- 隨閥組附儀表端墊片及螺栓
- With flange seals and bolts

*ISOLATE=I, EQUALIZE=E, VENT=V



P3 型 (單邊法蘭型) / 直接安裝型

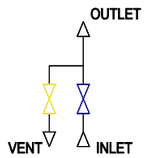
P3 TYPE (SINGLE FLANGE TYPE) / Direct Mounting



產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM2-S6-P3TV-04FN	1/2"NPT(F)	法蘭連接 IEC 61518 Type B FLANGE	1/4"NPT(F)

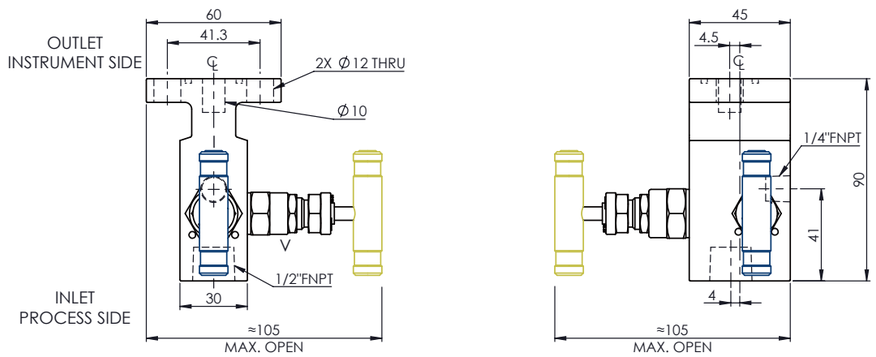
- 隨閥組儀表附儀表端墊片及螺栓
- With flange seals and bolts

*ISOLATE=I, EQUALIZE=E, VENT=V



T 型 (單邊法蘭型) / 直接安裝型

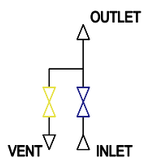
T TYPE (SINGLE FLANGE TYPE) / Direct Mounting



產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM2-S6-TTV-04FN	1/2"NPT(F)	法蘭連接 IEC 61518 Type B FLANGE	1/4"NPT(F)

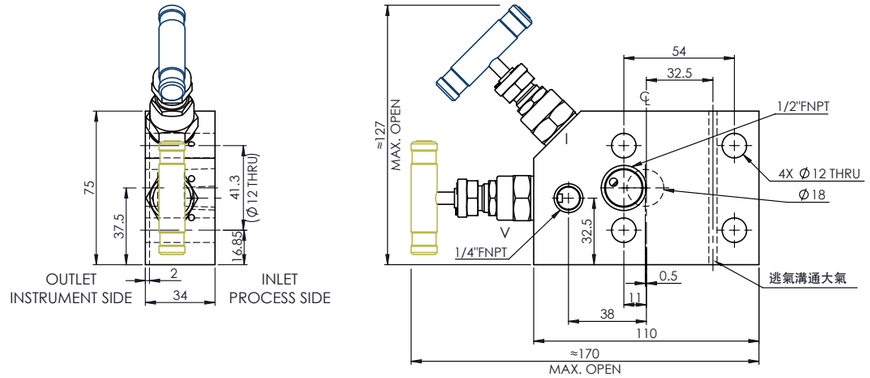
- 隨閥組儀表附儀表端墊片及螺栓
- With flange seals and bolts

*ISOLATE=I, EQUALIZE=E, VENT=V



3051 共面安裝

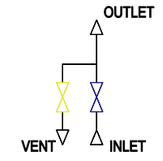
For Pressure Transmitter Model 3051



產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM2-S6-GMTV-04FN	1/2"NPT(F)	壓力變送器 Model (2051 / 3051)	1/4"NPT(F)

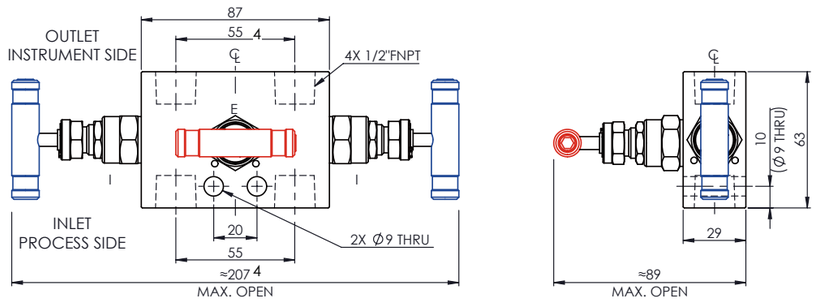
- 隨閥組不含儀表端墊片
- Without flange seals and bolts

*ISOLATE=I, EQUALIZE=E, VENT=V



VM3
三閥組
3 VALVE MANIFOLDS

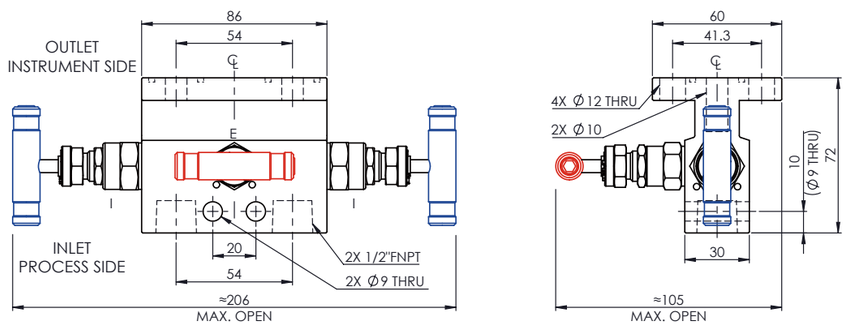
R 型 (一體型) / 遠程安裝型
R TYPE (BLOCK TYPE) / Remote Mounting



產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM3-S6-RTV-04FN	1/2"NPT(F)	1/2"NPT(F)	-

*ISOLATE=I, EQUALIZE=E, VENT=V

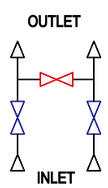
T 型 (單邊法蘭型) / 直接安裝型
T TYPE (SINGLE FLANGE TYPE) / Direct Mounting



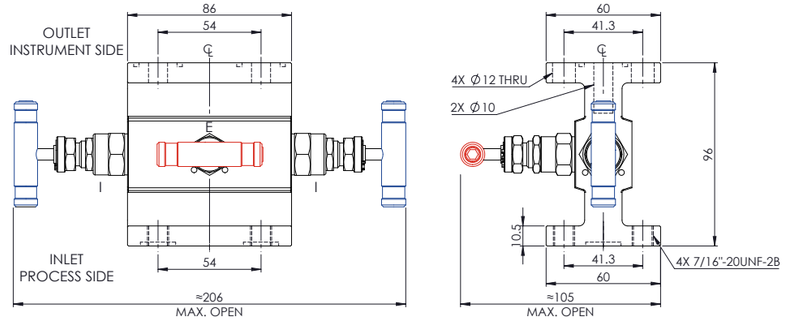
產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM3-S6-TTV-04FN	1/2"NPT(F)	法蘭連接 IEC 61518 Type B FLANGE	-

- 隨閥組附儀表端墊片及螺栓
- With flange seals and bolts

*ISOLATE=I, EQUALIZE=E, VENT=V



H 型 (雙邊法蘭型) / 直接安裝型
H TYPE (DUAL FLANGE TYPE) / Direct Mounting

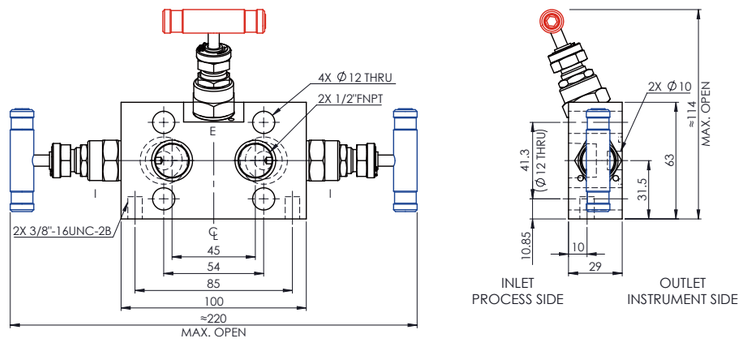


產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM3-S6-HTV	法蘭連接 IEC 61518 Type B FLANGE	法蘭連接 IEC 61518 Type B FLANGE	-

- 隨閥組附儀表端墊片及螺栓
- With flange seals and bolts

*ISOLATE=I, EQUALIZE=E, VENT=V

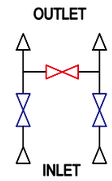
P 型 (單法蘭一體型) / 直接安裝型
P TYPE (SINGLE FLANGE BLOCK TYPE) / Direct Mounting



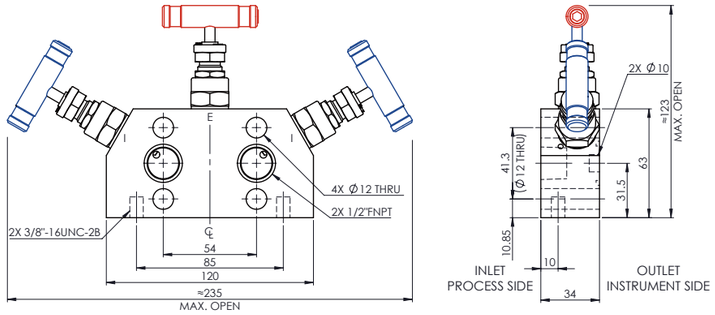
產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM3-S6-PTV-04FN	1/2"NPT(F)	法蘭連接 IEC 61518 Type B FLANGE	-

- 隨閥組附儀表端墊片及螺栓
- With flange seals and bolts

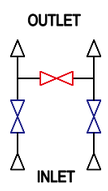
*ISOLATE=I, EQUALIZE=E, VENT=V



P1 型 (單法蘭一體型) / 直接安裝型
P1 TYPE (SINGLE FLANGE BLOCK TYPE) / Direct Mounting



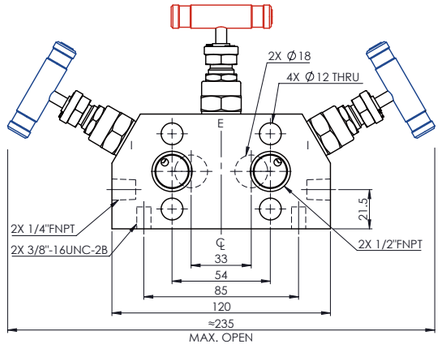
產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM3-S6-P1TV-04FN	1/2"NPT(F)	法蘭連接 IEC 61518 Type B FLANGE	-

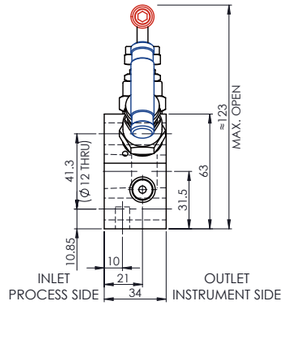


- 隨閥組附儀表端墊片及螺栓
- With flange seals and bolts

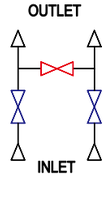
*ISOLATE=I, EQUALIZE=E, VENT=V

3051 共面安裝
For Pressure Transmitter Model 3051





產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM3-S6-GMTV-04FN	1/2"NPT(F)	壓力變送器 Model (2051 / 3051)	1/4"NPT(F) *2

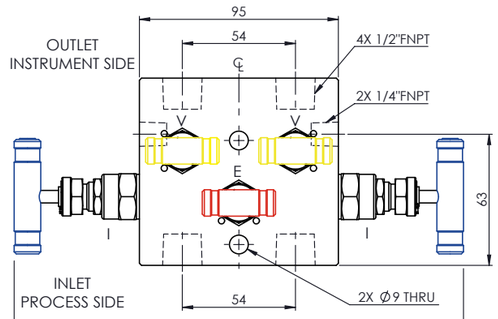


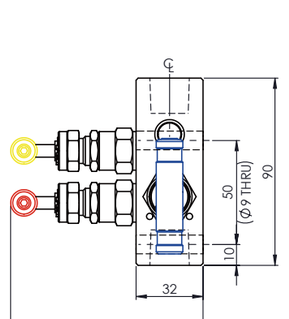
- 隨閥組不含儀表端墊片
- Without flange seals and bolts

*ISOLATE=I, EQUALIZE=E, VENT=V

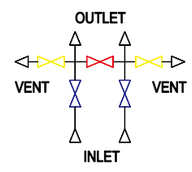
VM5
五閥組
5 VALVE MANIFOLDS

R 型 (一體型) / 遠程安裝型
R TYPE (BLOCK TYPE) / Remote Mounting



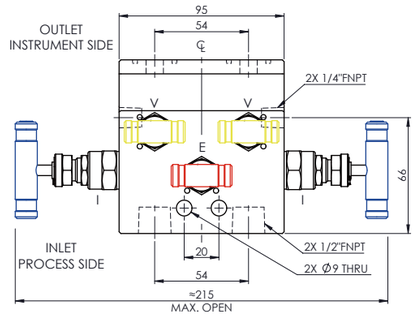


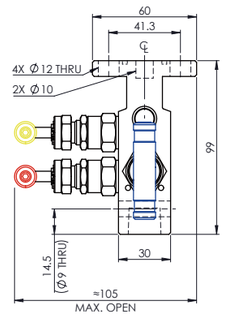
產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM5-S6-RTV-04FN	1/2"NPT(F)	1/2"NPT(F)	1/4"NPT(F) *2



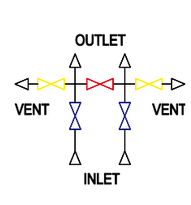
*ISOLATE=I, EQUALIZE=E, VENT=V

T 型 (單邊法蘭型) / 直接安裝型
T TYPE (SINGLE FLANGE TYPE) / Direct Mounting





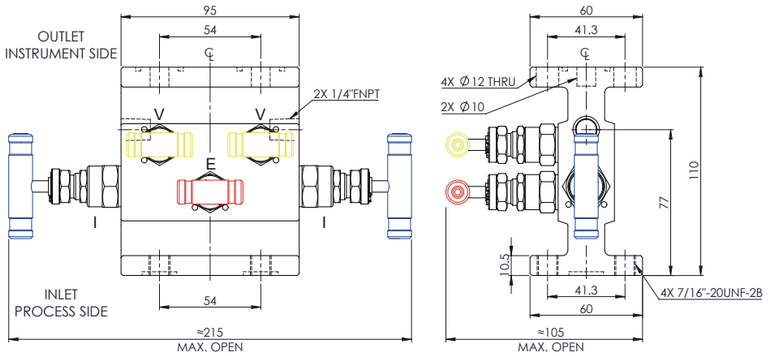
產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM5-S6-TTV-04FN	1/2"NPT(F)	法蘭連接 IEC 61518 Type B FLANGE	1/4"NPT(F) *2



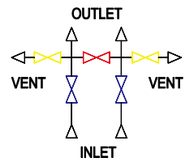
- 隨閥組附儀表端墊片及螺栓
- With flange seals and bolts

*ISOLATE=I, EQUALIZE=E, VENT=V

H 型 (雙邊法蘭型) / 直接安裝型
H TYPE (DUAL FLANGE TYPE) / Direct Mounting



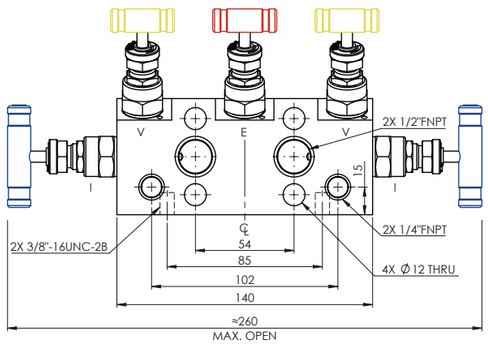
產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM5-S6-HTV	法蘭連接 IEC 61518 Type B FLANGE	法蘭連接 IEC 61518 Type B FLANGE	1/4"NPT(F) *2

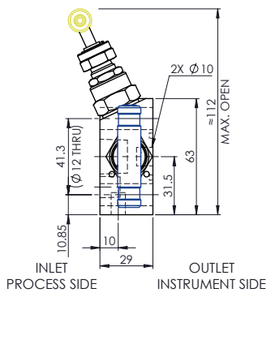


- 隨閥組附儀表端墊片及螺栓
- With flange seals and bolts

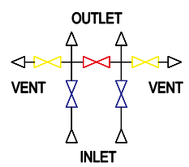
*ISOLATE=I, EQUALIZE=E, VENT=V

P 型 (單法蘭一體型) / 直接安裝型
P TYPE (SINGLE FLANGE BLOCK TYPE) / Direct Mounting





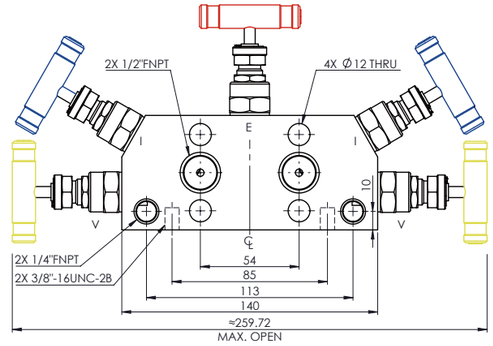
產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM5-S6-PTV-04FN	1/2"NPT(F)	法蘭連接 IEC 61518 Type B FLANGE	1/4"NPT(F) *2

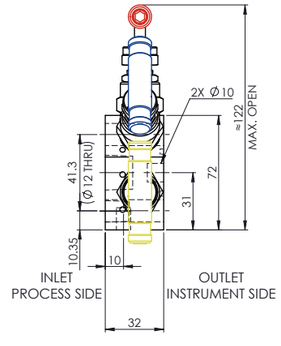


- 隨閥組附儀表端墊片及螺栓
- With flange seals and bolts

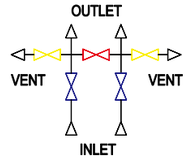
*ISOLATE=I, EQUALIZE=E, VENT=V

P1 型 (單法蘭一體型) / 直接安裝型
P1 TYPE (SINGLE FLANGE BLOCK TYPE) / Direct Mounting





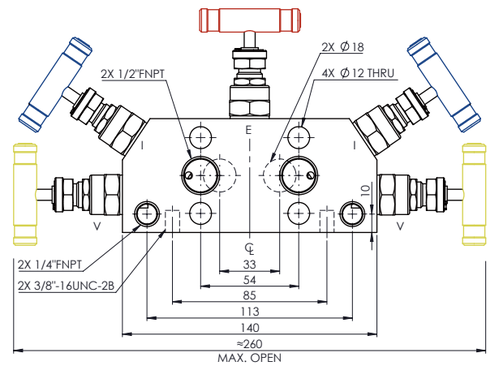
產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM5-S6-P1TV-04FN	1/2"NPT(F)	法蘭連接 IEC 61518 Type B FLANGE	1/4"NPT(F) *2

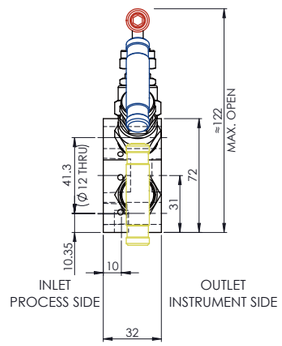


- 隨閥組附儀表端墊片及螺栓
- With flange seals and bolts

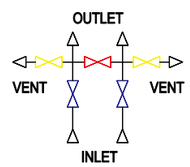
*ISOLATE=I, EQUALIZE=E, VENT=V

3051 共面安裝
For Pressure Transmitter Model 3051





產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM5-S6-GMTV-04FN	1/2"NPT(F)	壓力變送器 Model (2051 / 3051)	1/4"NPT(F) *2

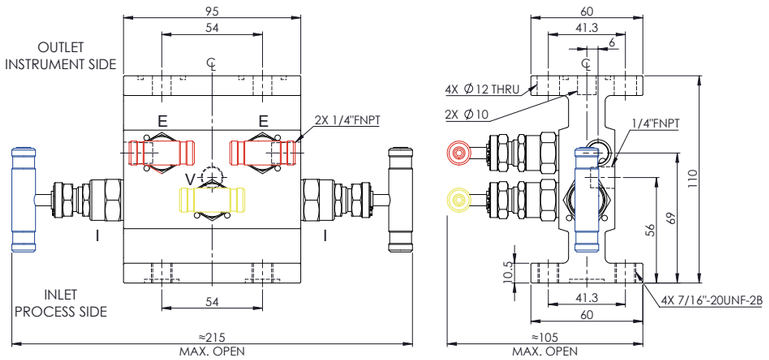


- 隨閥組不含儀表端墊片
- Without flange seals and bolts

*ISOLATE=I, EQUALIZE=E, VENT=V

NH 型 (雙邊法蘭型) / 天然氣計量型

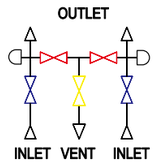
NH TYPE (DUAL FLANGE TYPE) / Natural Gas Metering Pattern



產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM5-S6-NHTV	法蘭連接 IEC 61518 Type B FLANGE	法蘭連接 IEC 61518 Type B FLANGE	1/4"NPT(F) *2

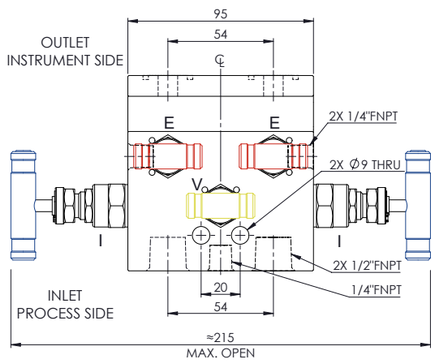
- 隨閥組附儀表端墊片及螺栓
- With flange seals and bolts

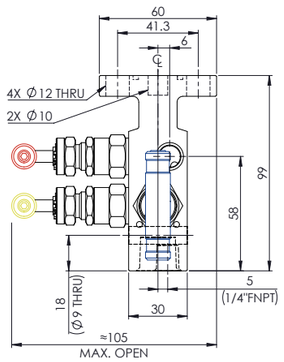
*ISOLATE=I, EQUALIZE=E, VENT=V



NT 型 (單邊法蘭型) / 天然氣計量型

NT TYPE (SINGLE FLANGE TYPE) / Natural Gas Metering Pattern

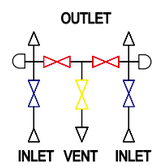




產品型號 PRODUCT NAME	入口 INLET	出口 OUTLET	排汙 / 洩放 / 測試孔 BLEED / VENT / TEST
C-VM5-S6-NTTV-04FN	1/2"NPT(F)	法蘭連接 IEC 61518 Type B FLANGE	1/4"NPT(F) *2

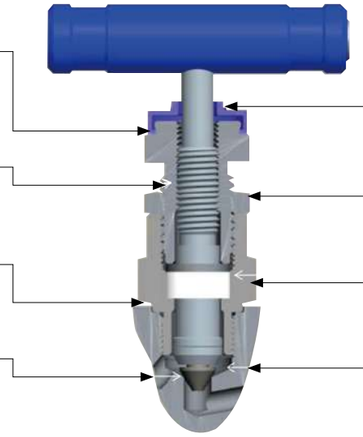
- 隨閥組附儀表端墊片及螺栓
- With flange seals and bolts

*ISOLATE=I, EQUALIZE=E, VENT=V



GRV / GRV2
壓力表閥
GAUGE VALVES

特點
CHARACTERISTICS



外部填料螺栓可簡易調整填料

Extetnal packing bolt allows easy packing adjustment

軋製閥桿螺紋延長使用壽命

Rolled stem threads for long service life

金屬密封結構確保安全性

Metal seal construction ensures safety

無旋轉閥芯提供可靠關斷和最大循環壽命

Non rotating stem tip for positive shutoff and maximum cycle life

防塵蓋防止污垢和灰塵進入閥桿螺紋內

Dust cap protects stem threads against ingrees of dirt and dust

固定螺帽避免填料螺栓在運作中鬆脫

Locking nut prevents packing bolt from lossening while in service

填料在閥桿螺紋下方，防止閥桿螺紋被流體磨損、腐蝕和弄髒

Packings below stem threads to prevent galling, corrosion and contamination by media

背閥座在全開時提供第二密封並防止閥桿脫出

Back seating in fully open position provides secondary stem seal and anti - blow out of stem

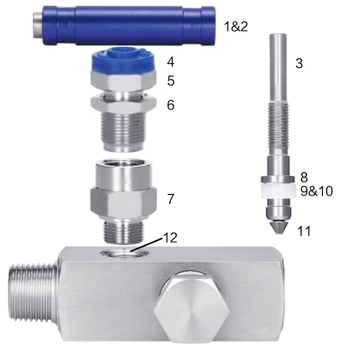
特性
FEATURES

- 閥體冷抽棒材加工，材質符合 ASTM A269 / A479 標準
- JPE 表閥設計應用於連接系統脈衝管道及壓力傳送器
- 應用功能涵蓋多管道控制、校正閥、隔離閥
- 有加長型閥體可供選擇，以獲得隔熱距離
- 對於壓力表、壓力開關、靜壓儀器等更容易安裝、校正、隔離及排放應用
- 最大工作壓力：6000 psig (414bar) @RT
- 上密封元件材質標準配置聚四氟乙烯 (PTFE) 或石墨 (Graphite)
- 通過 ISO 15848-1 工業用閥門 - 低逸散的量測、測試和認證程序
- 100% 出廠前進行氮氣 1000psig 功能性檢測及密封試驗

- Cold drawn bar body, in compliance with ASTM A276/A479
- JPE guage valves are designed for impulse line system and transmitter application
- Multiport configurations, calibration and isolation functions
- Lagging extension body as option for insulation clearance
- Easy assembly, calibration, isolation and bleed for gauges, pressure switches and static pressure instrument application
- MAX working pressure : 6000 psig (414bar) @RT
- PTFE packing as standard and Graphite packing as option
- ISO 15848-1 Industrial valves - Measurement, test and qualification procedures for fugitive emissions certified• 100% functional test and leak test with Nitrogen at 1000 psig

MATERIAL OF CONSTRUCTION 材質結構

項次 Item	零件名稱 Part Description	數量 Qty.	材質 Material
1	手柄 Handle	1	Aluminum
2	手柄固定螺絲 Handle Set Screw	1	SS304
3	閥桿 Stem	1	SS316L
4	防塵蓋 Dust Cap	1	PVC
5	填料螺栓 Packing Bolt	1	SS316L
6	固定螺帽 Locking Nut	1	SS304
7	閥蓋 Bonnet	1	SS316L
8	壓蓋 Gland	1	SS316L
9	上部填料 Upper Packing	1	PTFE
10	下部填料 Lower Packing	1	PTFE
11	閥芯 Stem Tip	1	SS316L
12	本體 Body	1	SS316L



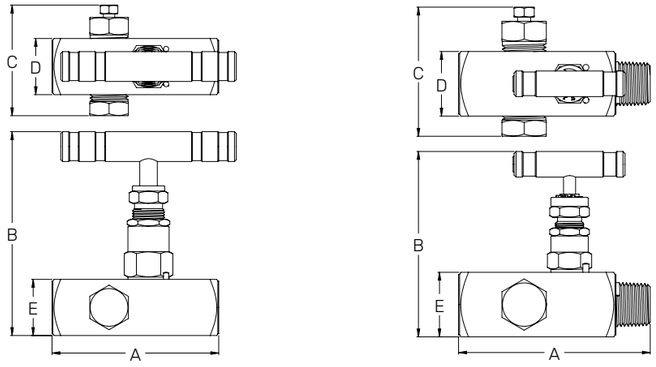
ORDERING INFORMATION 選型表

C -	GRV	S6 -	L -	04	MR	04	FR -	T -	D6
產品大類 CLASSIFICATION	產品名稱 PRODUCT NAME	材質 MATERIAL	閥體形式 VALVE PATTERN	進口尺寸 (英制) INLET SIZE (FRACTIONAL)	進口連接方式 INLET CONNECTION TYPE	出口尺寸 (英制) OUTLET SIZE (FRACTIONAL)	出口連接方式 OUTLET CONNECTION TYPE	填料 PACKING	通徑 ORIFICE
C:閥門類 VALVES	GRV:多路表閥 MULTI-PROT GAUGE VALVE	S6:SS316L	L:長體 EXTENSION BODY	04:1/2"	MR:外螺紋 BSPT MALE BSPT THREAD	04:1/2"	MR:外螺紋 BSPT MALE BSPT THREAD	T:PTFE	D4:4mm
	GRV2:雙閥門表閥 GAUGE DUAL VALVE		S:短體 SHORT BODY		FR:內螺紋 BSPT FEMALE BSPT THREAD		FR:內螺紋 BSPT FEMALE BSPT THREAD	G:石墨 GRAPHITE	D6:6mm
	GRVFE:低逸散多路表閥 MULTI-PROT GAUGE VALVE WITH FUGITIVE EMISSION				MN:外螺紋 NPT MALE NPT THREAD		MN:外螺紋 NPT MALE NPT THREAD		
	GRV2FE:低逸散雙閥門表閥 GAUGE DUAL VALVE WITH FUGITIVE EMISSION				FN:內螺紋 NPT FEMALE NPT THREAD		FN:內螺紋 NPT FEMALE NPT THREAD		

- GRV2 系列無需填寫閥體形式
- 在閥門的使用壽命內，可能需調整填料螺母，以維持完整密封性
- 一段時間內無使用的閥門，把手可能會有較高的初始扭力
- 如需選購低逸散款式，在 JPE 產品編號中加上 FE。例：C-GRVFE-S6-S-04MN04FN-T-D6
- Valve pattern Null for GRV2
- A packing nut adjustment may be required periodically to increase service life and to prevent leakage
- Valves that have not been cycled for a period of time may have a higher initial actuation torque
- Purchase Fugitive Emission type, insert FE into JPE product name. EX：C-GRVFE-S6-S-04MN04FN-T-D6

GRV-S 短體多路表閥

GRV-S SHORT BODY MULTI-PORT GAUGE VALVE

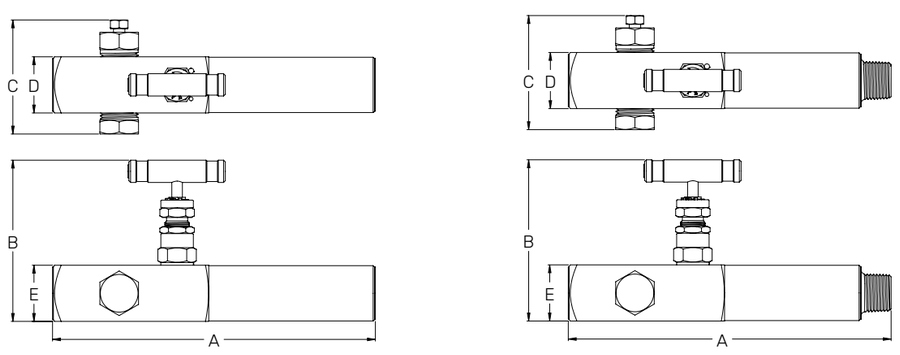


類型 Type	連接尺寸 Conn./Size	流孔孔徑 Orifice		尺寸表 Dimensions (mm)				
	進口 / 出口尺寸 Inlet/Outlet	mm	in.	A	B	C	D	E
內螺紋 FEMALE THREAD	英制 Fractional	1/2"	4	0.18	95	92	75	32	32
內螺紋 FEMALE THREAD	英制 Fractional	1/2"	6	0.24	95	92	75	32	32
外內螺紋 MALE THREAD x FEMALE THREAD	英制 Fractional	1/2"	4	0.18	95	92	75	32	32
外內螺紋 MALE THREAD x FEMALE THREAD	英制 Fractional	1/2"	6	0.24	95	92	75	32	32

- 除非另有說明，否則所有尺寸單位均為 mm。
- 上述尺寸僅供參考，修改不另行通知。
- 其他連接方式，請洽 JPE 銷售代表。
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED.
- DIMENSIONS SHOWN ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE.
- FOR OTHER CONNECTIONS, PLEASE CONTACT WITH JPE SALES REPRESENTATIVE.

GRV-L 長體多路表閥

GRV-L EXTENSION BODY MULTI-PORT GAUGE VALVE

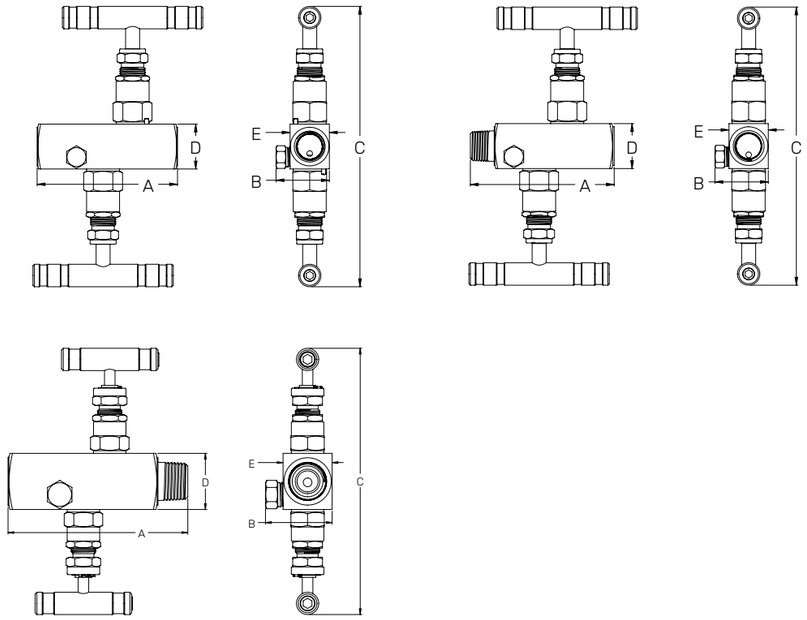


類型 Type	連接尺寸 Conn./Size	流孔孔徑 Orifice		尺寸表 Dimensions (mm)				
	進口 / 出口尺寸 Inlet/Outlet	mm	in.	A	B	C	D	E
內螺紋 FEMALE THREAD	英制 Fractional	1/2"	4	0.18	184	92	75	32	32
內螺紋 FEMALE THREAD	英制 Fractional	1/2"	6	0.24	184	92	75	32	32
外內螺紋 MALE THREAD x FEMALE THREAD	英制 Fractional	1/2"	4	0.18	184	92	75	32	32
外內螺紋 MALE THREAD x FEMALE THREAD	英制 Fractional	1/2"	6	0.24	184	92	75	32	32

- 除非另有說明，否則所有尺寸單位均為 mm。
- 上述尺寸僅供參考，修改不另行通知。
- 其他連接方式，請洽 JPE 銷售代表。
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED.
- DIMENSIONS SHOWN ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE.
- FOR OTHER CONNECTIONS, PLEASE CONTACT WITH JPE SALES REPRESENTATIVE.

GRV2 雙閥門表閥

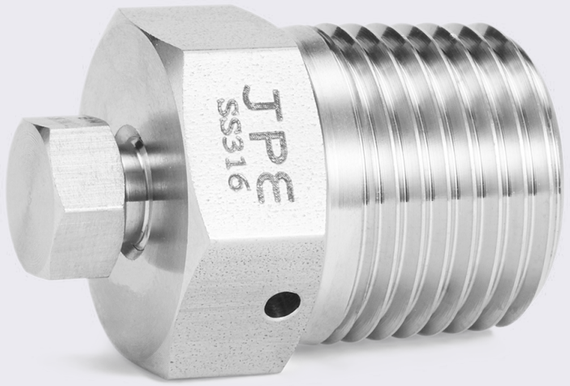
GRV2 GUAGE DUAL VALVE



類型 Type		連接尺寸 Conn./Size	流孔孔徑 Orifice		尺寸表 Dimensions (mm)				
		進口 / 出口尺寸 Inlet/Outlet	mm	in.	A	B	C	D	E
內螺紋 FEMALE THREAD	英制 Fractional	1/2"	4	0.18	87	42	152	32	28
內螺紋 FEMALE THREAD	英制 Fractional	1/2"	6	0.24	87	42	156	36	28
內外螺紋 FEMALE THREAD x MALE THREAD	英制 Fractional	1/2"	4	0.18	102.5	42	152	32	28
內外螺紋 FEMALE THREAD x MALE THREAD	英制 Fractional	1/2"	6	0.24	102.5	42	156	36	28
外內螺紋 MALE THREAD x FEMALE THREAD	英制 Fractional	1/2"	4	0.18	102.5	42	152	32	28
外內螺紋 MALE THREAD x FEMALE THREAD	英制 Fractional	1/2"	6	0.24	102.5	42	156	36	28

- 除非另有說明，否則所有尺寸單位均為 mm。
- 上述尺寸僅供參考，修改不另行通知。
- 其他連接方式，請洽 JPE 銷售代表。
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED.
- DIMENSIONS SHOWN ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE.
- FOR OTHER CONNECTIONS, PLEASE CONTACT WITH JPE SALES REPRESENTATIVE.

JSC
洩放閥
BLEED VALVES



PRESSURE TEMPERATURE RATINGS
壓力溫度範圍

本體材質 Body Material	SS316L
溫度 Temperature °C (°F)	理論壓力溫度範圍 Working Pressure psig(bar)
-63°C (-65 °F) ~ +37°C (100 °F)	10000(689)
93(200)	9290(640)
148(300)	8390(578)
204(400)	7705(530)
232(450)	7435(512)
260(500)	7165(493)
315(600)	6770(466)
343(650)	6660(458)
371(700)	6480(446)
398(750)	6335(436)
426(800)	6230(429)
454(850)	6085(419)

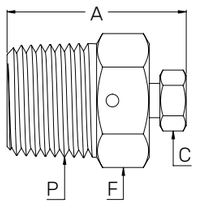
- 帶 JPE 卡套接口閥門的壓力等級會受管材質和壁厚影響，欲查閱更多資料，請參照 JPE 卡套接頭目錄。
- PRESSURE RATINGS OF VALVES WITH JPE COMPRESSION END CONNECTION ARE DETERMINED BY THE TUBING MATERIAL AND WALL THICKNESS. FOR MORE INFORMATION, PLEASE SEE JPE TUBE FITTING CATALOG.

ORDERING INFORMATION 選型表

BS6 -	JSC	04	N
產品大類及材質 CLASSIFICATION AND MATERIAL	產品名稱 PRODUCT NAME	螺紋尺寸 SIZE OF THREAD	螺紋種類 THREAD TYPE
BS6：接頭類 SS316L SS316L FITTING	JSC：洩放閥 BLEED VALVE	02：1/4"	R：BSPT 螺紋 BSPT THREAD
		03：3/8"	N：NPT 螺紋 NPT THREAD
		04：1/2"	

JSC 洩放閥

JSC BLEED VALVES

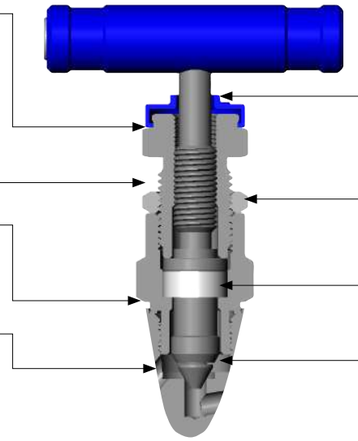


類型 Type		連接尺寸 Conn./Size	尺寸表 Dimensions (mm)			
		進口 / 出口尺寸 Inlet/Outlet	P	A	F	C
外螺紋 MALE THREAD	英制 Fractional	1/4"	PT	30	14	8
		1/4"	NPT	30.5	14	8
		3/8"	PT	31	17	8
		3/8"	NPT	31.5	17	8
		1/2"	PT	33.5	22	8
		1/2"	NPT	34	22	8

- 除非另有說明 , 否則所有尺寸單位均為 mm。
- 上述尺寸僅供參考, 修改不另行通知。
- 其他連接方式, 請洽 JPE 銷售代表。
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED.
- DIMENSIONS SHOWN ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE.
- FOR OTHER CONNECTIONS, PLEASE CONTACT WITH JPE SALES REPRESENTATIVE.

工藝整合閥組
INTEGRAL BLOCK & BLEED VALVES

特點
CHARACTERISTICS



外部填料螺栓可簡易調整填料

External packing bolt allows easy packing adjustment

軋製閥杆螺紋延長使用壽命

Rolled stem threads for long service life

金屬密封結構確保安全性

Metal seal construction ensures safety

無旋轉閥芯提供可靠關斷和最大循環壽命

Non rotating stem tip for positive shutoff and maximum cycle life

防塵蓋防止污垢和灰塵進入閥杆螺紋內

Dust cap protects stem threads against ingress of dirt and dust

固定螺帽避免填料螺栓在運作中松脫

Locking nut prevents packing bolt from lossening while in service

填料在閥杆螺紋下方，防止閥杆螺紋被流體磨損、腐蝕和污染

Packings below stem threads to prevent galling, corrosion and contamination by media

背閥座在全開時提供第二密封並防止閥杆飛出

Back seating in fully open position provides secondary stem seal and anti-blow out of stem

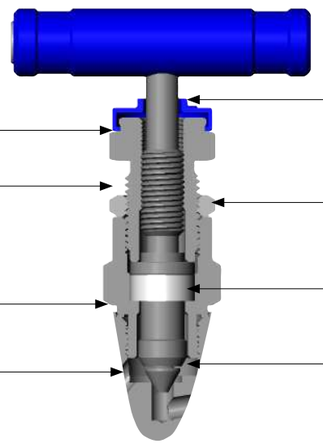
特性
FEATURES

- 法蘭連接符合 ASME B16.5 標準 (若有其他法蘭標準需求請洽銷售人員)
- 儀表閥門和管道連接部件以一體化系統整合多閥結構，減少潛在洩漏點，降低產品安裝重量，並大幅度減少所需空間
- 尺寸緊湊，重量小，最大程度地減小空間與支撐結構
- 因系統化整合，因此安裝與維護比多個閥門更快速便捷

- Flange connections conform to the ASME B16.5 standard. (Please contact sales representative for any other flange standards.)
- The instrumentation valves and connection components are integrated into a unified system, reducing potential leakage points, lowering product installation weight, and significantly decreasing required space.
- Compact and lightweight design minimize requirements for space and supporting structures.
- Due to systematic integration, installation and maintenance are faster and more convenient compared to multiple valve configurations.

MFV1
工藝單法蘭
MONOFLANGE

特點
CHARACTERISTICS



外部填料螺栓可簡易調整填料

External packing bolt allows easy packing adjustment

軋製閥杆螺紋延長使用壽命

Rolled stem threads for long service life

金屬密封結構確保安全性

Metal seal construction ensures safety

無旋轉閥芯提供可靠關斷和最大循環壽命

Non rotating stem tip for positive shutoff and maximum cycle life

防塵蓋防止污垢和灰塵進入閥杆螺紋內

Dust cap protects stem threads against ingress of dirt and dust

固定螺帽避免填料螺栓在運作中松脫

Locking nut prevents packing bolt from lossening while in service

填料在閥杆螺紋下方，防止閥杆螺紋被流體磨損、腐蝕和污染

Packings below stem threads to prevent galling, corrosion and contamination by media

背閥座在全開時提供第二密封並防止閥杆飛出

Back seating in fully open position provides secondary stem seal and anti-blow out of stem

特性
FEATURES

- 本體為不鏽鋼 SS316/316L 材質
- 工藝單法蘭形式，以單一法蘭安裝閥組結構取代多閥組件，減少潛在洩漏點
- 安裝緊凑、體積小、重量輕
- 可選擇單截止、雙截止、單截止單排放、截止 / 截止 / 排放的配置
- 法蘭介面適用於 ASME B16.5

- Material: SS316/316L
- Monoflange structure replaces multivalve assemblies withsingle, flange-mounted manifold configurations eliminate potential leakage
- Smal volume and light weight
- Configuration: Single Block, Double Block, Single Block andBleed,Block/Block/Bleed
- Compatible with ASME B16.5 flange connection

顏色編碼
COLOR CODES

- 把手和防塵蓋以顏色編碼以辨別閥的功能：

- Handles and dust cap are color coded to indentify the functions of the valves：

隔離 / 截止

排放 / 測試

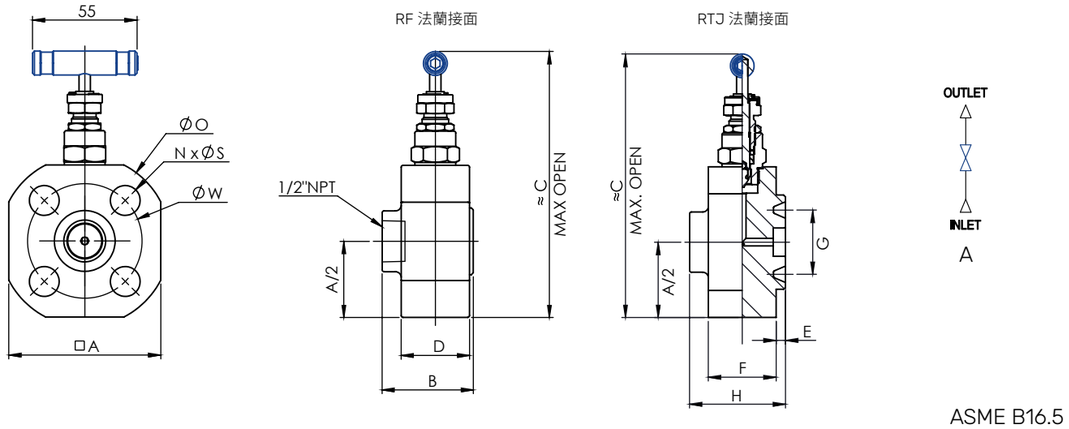
ISOLATE / BLOCK

VENT / TEST

材質結構
MATERIAL OF CONSTRUCTION

項次 Item	零件名稱 Part Description	材質 Material
1	手柄 Handle	Aluminum
2	手柄固定螺絲 Handle Set Screw	SS304
3	閥桿 Stem	SS316/316L
4	防塵蓋 Dust Cap	PVC
5	填料螺栓 Packing Bolt	SS316/316L
6	固定螺帽 Locking Nut	SS304
7	閥蓋 Bonnet	SS316/316L
8	壓蓋 Gland	SS316/316L
9	上部填料 Upper Packing	TFM1600
10	下部填料 Lower Packing	TFM1600
11	閥芯 Stem Tip	SS630
12	本體 Body	SS316/316L
13	堵頭 Plug	SS316/316L

MFV1-A 單截止
SINGLE BLOCK



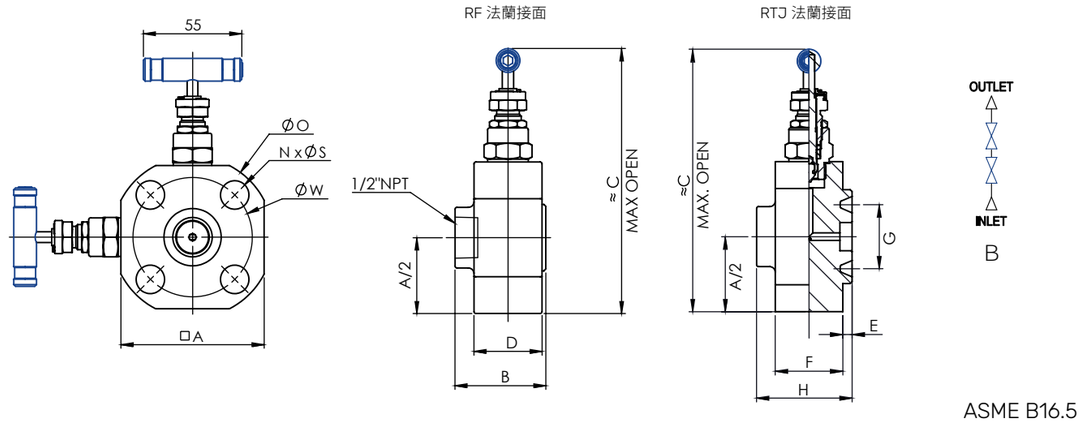
ASME B16.5

類型 Tyoe	法蘭尺寸 Flange Size	等級 ASME (class)	尺寸表 Dimensions (mm)											
			A	C	N Number of Bolts	S	W	RF 法蘭 RF Flange		RTJ 法蘭 RTJ Flange				
								B	D	H	F	G	E
A	1/2"	150	80	139.6	4	15.9	60.3	48	36	-	-	-	-
		300/600	80	139.6	4	15.9	66.7	48	36	51	36	34.14	5
		900/1500	100	159.6	4	22.2	82.6	51.5	37.5	51.5	36	39.67	5
		2500	1200	179.6	4	22.2	88.9	55	39	55	39	42.88	5.5
	3/4"	150	80	139.6	4	15.9	69.9	48	36	-	-	-	-
		300/600	100	159.6	4	19.1	82.6	51.5	37.5	51.5	36	42.88	4.5
		900/1500	100	159.6	4	22.2	88.9	51,5	37.5	51.5	36	44.45	4.5
		2500	120	179.6	4	22.2	95.2	55	39	55	39	50.8	5.5
	1"	150	100	159.6	4	15.9	79.4	51.5	37.5	51.5	36	47.63	4.5
		300/600	100	159.6	4	19.1	88.9	51,5	37.5	51.5	36	50.8	4.5
		900/1500	120	179.6	4	25.4	101.6	55	39	55	39	50.8	5.5
		2500	130	189.6	4	25,4	108	55	39	55	39	60.33	5.5
	1 1/2"	1150	100	159.6	4	15.9	98.4	51.5	37.5	51,5	36	65.07	4.5
		300/600	130	189.6	4	22.2	114.3	53	39	53	39	68.27	4.5
		900/1500	150	209.6	4	28.6	123.8	58	39	58	39	68.27	7
		2500	180	239.6	4	31.8	146.0	50.5	40	59.5	48	82.55	7
	2"	150	120	179.6	4	19.1	120.7	53.5	40.5	53.5	39	82.55	4.5
		300/600	150	209.6	8	19.1	127.0	55	39	55	39	82.55	5.5
		900/1500	200	259.6	8	25.4	165.1	60	39	60	39	95.25	8
		2500	200	259.6	8	28.6	171.4	63	51	63	51	101.6	8

- 本尺寸表法蘭介面適用於 ASME B16.5
- 法蘭緊固件、密封件 (選配)

- Flange in accordance with ASME B16.5
- Flange bolts and seals are optional

MFV1-B 雙截止
DOUBLE BLOCK



ASME B16.5

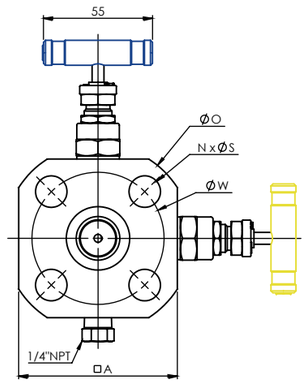
類型 Tyoe	法蘭尺寸 Flange Size	等級 ASME (class)	尺寸表 Dimensions (mm)											
			A	C	N Number of Bolts	S	W	RF 法蘭 RF Flange		RTJ 法蘭 RTJ Flange				
								B	D	H	F	G	E
A	1/2"	150	80	139.6	4	15.9	60.3	48	36	-	-	-	-
		300/600	80	139.6	4	15.9	66.7	48	36	51	36	34.14	5
		900/1500	100	159.6	4	22.2	82.6	51.5	37.5	51.5	36	39.67	5
		2500	1200	179.6	4	22.2	88.9	55	39	55	39	42.88	5.5
	3/4"	150	80	139.6	4	15.9	69.9	48	36	-	-	-	-
		300/600	100	159.6	4	19.1	82.6	51.5	37.5	51.5	36	42.88	4.5
		900/1500	100	159.6	4	22.2	88.9	51,5	37.5	51.5	36	44.45	4.5
		2500	120	179.6	4	22.2	95.2	55	39	55	39	50.8	5.5
	1"	150	100	159.6	4	15.9	79.4	51.5	37.5	51.5	36	47.63	4.5
		300/600	100	159.6	4	19.1	88.9	51,5	37.5	51.5	36	50.8	4.5
		900/1500	120	179.6	4	25.4	101.6	55	39	55	39	50.8	5.5
		2500	130	189.6	4	25,4	108	55	39	55	39	60.33	5.5
	1 1/2"	1150	100	159.6	4	15.9	98.4	51.5	37.5	51,5	36	65.07	4.5
		300/600	130	189.6	4	22.2	114.3	53	39	53	39	68.27	4.5
		900/1500	150	209.6	4	28.6	123.8	58	39	58	39	68.27	7
		2500	180	239.6	4	31.8	146.0	50.5	40	59.5	48	82.55	7
	2"	150	120	179.6	4	19.1	120.7	53.5	40.5	53.5	39	82.55	4.5
		300/600	150	209.6	8	19.1	127.0	55	39	55	39	82.55	5.5
		900/1500	200	259.6	8	25.4	165.1	60	39	60	39	95.25	8
		2500	200	259.6	8	28.6	171.4	63	51	63	51	101.6	8

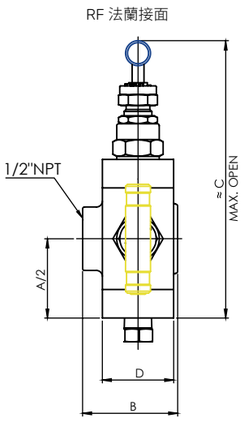
- 本尺寸表法蘭介面適用於 ASME B16.5
- 法蘭緊固件、密封件 (選配)

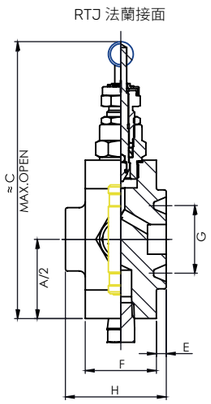
- Flange in accordance with ASME B16.5
- Flange bolts and seals are optional

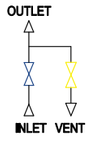
MFV1-C 單截止單排放

SINGLE BLOCK AND BLEED









C

ASME B16.5

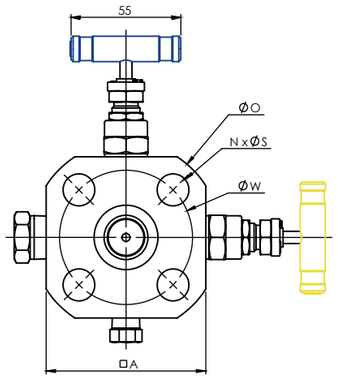
類型 Tyoe	法蘭尺寸 Flange Size	等級 ASME (class)	尺寸表 Dimensions (mm)											
			A	C	N Number of Bolts	S	W	RF 法蘭 RF Flange		RTJ 法蘭 RTJ Flange				
								B	D	H	F	G	E
A	1/2"	150	80	139.6	4	15.9	60.3	48	36	-	-	-	-
		300/600	80	139.6	4	15.9	66.7	48	36	51	36	34.14	5
		900/1500	100	159.6	4	22.2	82.6	51.5	37.5	51.5	36	39.67	5
		2500	1200	179.6	4	22.2	88.9	55	39	55	39	42.88	5.5
	3/4"	150	80	139.6	4	15.9	69.9	48	36	-	-	-	-
		300/600	100	159.6	4	19.1	82.6	51.5	37.5	51.5	36	42.88	4.5
		900/1500	100	159.6	4	22.2	88.9	51,5	37.5	51.5	36	44.45	4.5
		2500	120	179.6	4	22.2	95.2	55	39	55	39	50.8	5.5
	1"	150	100	159.6	4	15.9	79.4	51.5	37.5	51.5	36	47.63	4.5
		300/600	100	159.6	4	19.1	88.9	51,5	37.5	51.5	36	50.8	4.5
		900/1500	120	179.6	4	25.4	101.6	55	39	55	39	50.8	5.5
		2500	130	189.6	4	25,4	108	55	39	55	39	60.33	5.5
	1 1/2"	1150	100	159.6	4	15.9	98.4	51.5	37.5	51,5	36	65.07	4.5
		300/600	130	189.6	4	22.2	114.3	53	39	53	39	68.27	4.5
		900/1500	150	209.6	4	28.6	123.8	58	39	58	39	68.27	7
		2500	180	239.6	4	31.8	146.0	50.5	40	59.5	48	82.55	7
	2"	150	120	179.6	4	19.1	120.7	53.5	40.5	53.5	39	82.55	4.5
		300/600	150	209.6	8	19.1	127.0	55	39	55	39	82.55	5.5
		900/1500	200	259.6	8	25.4	165.1	60	39	60	39	95.25	8
		2500	200	259.6	8	28.6	171.4	63	51	63	51	101.6	8

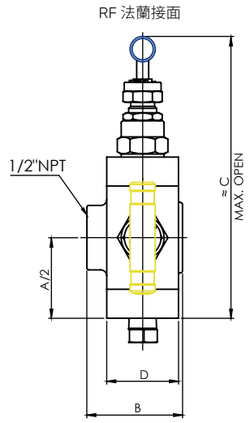
- 本尺寸表法蘭介面適用於 ASME B16.5
- 法蘭緊固件、密封件 (選配)

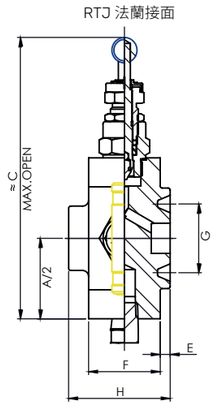
- Flange in accordance with ASME B16.5
- Flange bolts and seals are optional

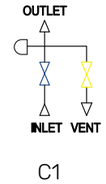
MFV1-C1 單截止單排放

DOUBLE BLOCK AND BLEED









C1

ASME B16.5

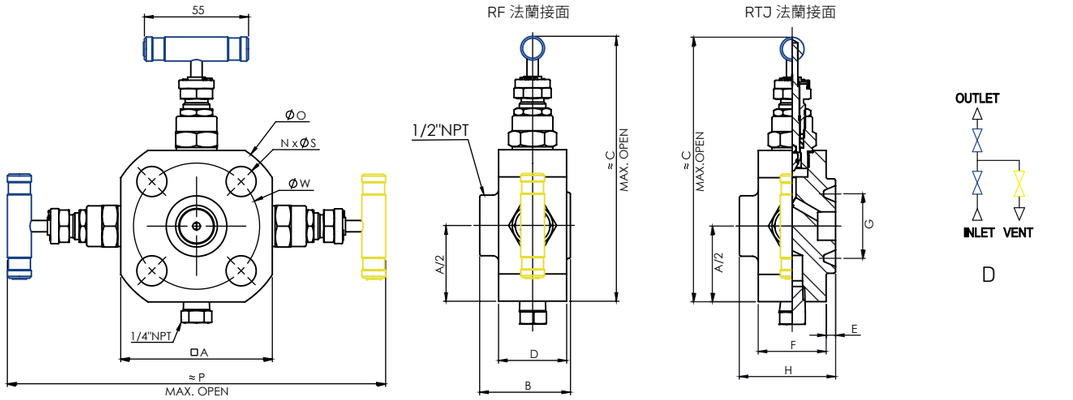
類型 Tyoe	法蘭尺寸 Flange Size	等級 ASME (class)	尺寸表 Dimensions (mm)											
			A	C	N Number of Bolts	S	W	RF 法蘭 RF Flange		RTJ 法蘭 RTJ Flange				
								B	D	H	F	G	E
A	1/2"	150	80	139.6	4	15.9	60.3	48	36	-	-	-	-
		300/600	80	139.6	4	15.9	66.7	48	36	51	36	34.14	5
		900/1500	100	159.6	4	22.2	82.6	51.5	37.5	51.5	36	39.67	5
		2500	1200	179.6	4	22.2	88.9	55	39	55	39	42.88	5.5
	3/4"	150	80	139.6	4	15.9	69.9	48	36	-	-	-	-
		300/600	100	159.6	4	19.1	82.6	51.5	37.5	51.5	36	42.88	4.5
		900/1500	100	159.6	4	22.2	88.9	51,5	37.5	51.5	36	44.45	4.5
		2500	120	179.6	4	22.2	95.2	55	39	55	39	50.8	5.5
	1"	150	100	159.6	4	15.9	79.4	51.5	37.5	51.5	36	47.63	4.5
		300/600	100	159.6	4	19.1	88.9	51,5	37.5	51.5	36	50.8	4.5
		900/1500	120	179.6	4	25.4	101.6	55	39	55	39	50.8	5.5
		2500	130	189.6	4	25,4	108	55	39	55	39	60.33	5.5
	1 1/2"	1150	100	159.6	4	15.9	98.4	51.5	37.5	51,5	36	65.07	4.5
		300/600	130	189.6	4	22.2	114.3	53	39	53	39	68.27	4.5
		900/1500	150	209.6	4	28.6	123.8	58	39	58	39	68.27	7
		2500	180	239.6	4	31.8	146.0	50.5	40	59.5	48	82.55	7
	2"	150	120	179.6	4	19.1	120.7	53.5	40.5	53.5	39	82.55	4.5
		300/600	150	209.6	8	19.1	127.0	55	39	55	39	82.55	5.5
		900/1500	200	259.6	8	25.4	165.1	60	39	60	39	95.25	8
		2500	200	259.6	8	28.6	171.4	63	51	63	51	101.6	8

- 本尺寸表法蘭介面適用於 ASME B16.5
- 法蘭緊固件、密封件 (選配)

- Flange in accordance with ASME B16.5
- Flange bolts and seals are optional

MFV1-D 截止 / 排放 / 截止

BLOCK/BLEED/BLOCK



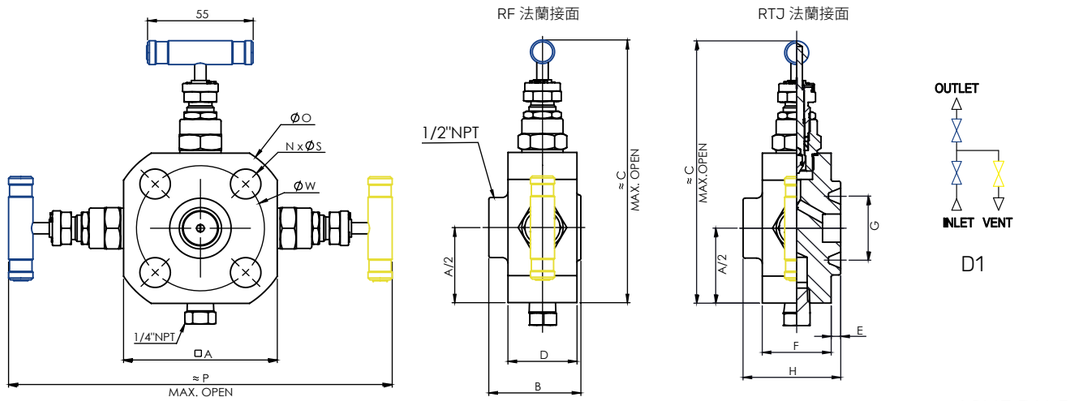
ASME B16.5

類型 Tyoe	法蘭尺寸 Flange Size	等級 ASME (class)	尺寸表 Dimensions (mm)											
			A	C	N Number of Bolts	S	W	RF 法蘭 RF Flange		RTJ 法蘭 RTJ Flange				
								B	D	H	F	G	E
A	1/2"	150	80	139.6	4	15.9	60.3	48	36	-	-	-	-
		300/600	80	139.6	4	15.9	66.7	48	36	51	36	34.14	5
		900/1500	100	159.6	4	22.2	82.6	51.5	37.5	51.5	36	39.67	5
		2500	1200	179.6	4	22.2	88.9	55	39	55	39	42.88	5.5
	3/4"	150	80	139.6	4	15.9	69.9	48	36	-	-	-	-
		300/600	100	159.6	4	19.1	82.6	51.5	37.5	51.5	36	42.88	4.5
		900/1500	100	159.6	4	22.2	88.9	51,5	37.5	51.5	36	44.45	4.5
		2500	120	179.6	4	22.2	95.2	55	39	55	39	50.8	5.5
	1"	150	100	159.6	4	15.9	79.4	51.5	37.5	51.5	36	47.63	4.5
		300/600	100	159.6	4	19.1	88.9	51,5	37.5	51.5	36	50.8	4.5
		900/1500	120	179.6	4	25.4	101.6	55	39	55	39	50.8	5.5
		2500	130	189.6	4	25,4	108	55	39	55	39	60.33	5.5
	1 1/2"	1150	100	159.6	4	15.9	98.4	51.5	37.5	51,5	36	65.07	4.5
		300/600	130	189.6	4	22.2	114.3	53	39	53	39	68.27	4.5
		900/1500	150	209.6	4	28.6	123.8	58	39	58	39	68.27	7
		2500	180	239.6	4	31.8	146.0	50.5	40	59.5	48	82.55	7
	2"	150	120	179.6	4	19.1	120.7	53.5	40.5	53.5	39	82.55	4.5
		300/600	150	209.6	8	19.1	127.0	55	39	55	39	82.55	5.5
		900/1500	200	259.6	8	25.4	165.1	60	39	60	39	95.25	8
		2500	200	259.6	8	28.6	171.4	63	51	63	51	101.6	8

- 本尺寸表法蘭介面適用於 ASME B16.5
- 法蘭緊固件、密封件 (選配)
- Flange in accordance with ASME B16.5
- Flange bolts and seals are optional

MFV1-D1 截止 / 截止 / 排放

BLOCK/BLOCK/BLEED



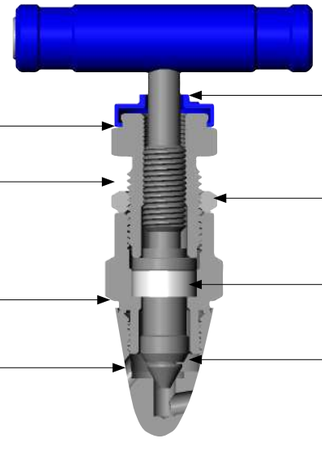
ASME B16.5

類型 Tyoe	法蘭尺寸 Flange Size	等級 ASME (class)	尺寸表 Dimensions (mm)											
			A	C	N Number of Bolts	S	W	RF 法蘭 RF Flange		RTJ 法蘭 RTJ Flange				
								B	D	H	F	G	E
A	1/2"	150	80	139.6	4	15.9	60.3	48	36	-	-	-	-
		300/600	80	139.6	4	15.9	66.7	48	36	51	36	34.14	5
		900/1500	100	159.6	4	22.2	82.6	51.5	37.5	51.5	36	39.67	5
		2500	1200	179.6	4	22.2	88.9	55	39	55	39	42.88	5.5
	3/4"	150	80	139.6	4	15.9	69.9	48	36	-	-	-	-
		300/600	100	159.6	4	19.1	82.6	51.5	37.5	51.5	36	42.88	4.5
		900/1500	100	159.6	4	22.2	88.9	51,5	37.5	51.5	36	44.45	4.5
		2500	120	179.6	4	22.2	95.2	55	39	55	39	50.8	5.5
	1"	150	100	159.6	4	15.9	79.4	51.5	37.5	51.5	36	47.63	4.5
		300/600	100	159.6	4	19.1	88.9	51,5	37.5	51.5	36	50.8	4.5
		900/1500	120	179.6	4	25.4	101.6	55	39	55	39	50.8	5.5
		2500	130	189.6	4	25,4	108	55	39	55	39	60.33	5.5
	1 1/2"	1150	100	159.6	4	15.9	98.4	51.5	37.5	51,5	36	65.07	4.5
		300/600	130	189.6	4	22.2	114.3	53	39	53	39	68.27	4.5
		900/1500	150	209.6	4	28.6	123.8	58	39	58	39	68.27	7
		2500	180	239.6	4	31.8	146.0	50.5	40	59.5	48	82.55	7
	2"	150	120	179.6	4	19.1	120.7	53.5	40.5	53.5	39	82.55	4.5
		300/600	150	209.6	8	19.1	127.0	55	39	55	39	82.55	5.5
		900/1500	200	259.6	8	25.4	165.1	60	39	60	39	95.25	8
		2500	200	259.6	8	28.6	171.4	63	51	63	51	101.6	8

- 本尺寸表法蘭介面適用於 ASME B16.5
- 法蘭緊固件、密封件 (選配)
- Flange in accordance with ASME B16.5
- Flange bolts and seals are optional

DBB
工藝介面閥
DBB MONOFLANGE

特點
CHARACTERISTICS



外部填料螺栓可簡易調整填料
External packing bolt allows easy packing adjustment

軋製閥杆螺紋延長使用壽命
Rolled stem threads for long service life

金屬密封結構確保安全性
Metal seal construction ensures safety

無旋轉閥芯提供可靠關斷和最大循環壽命
Non rotating stem tip for positive shutoff and maximum cycle life

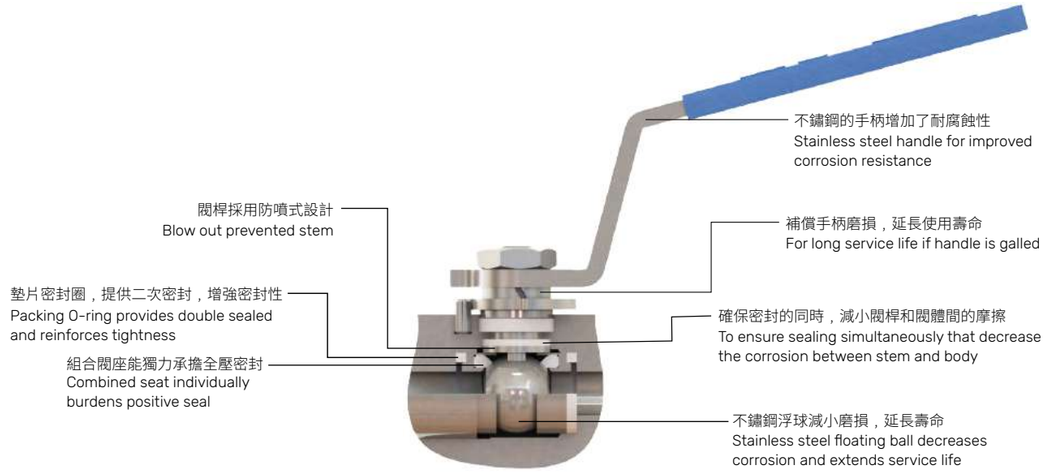
防塵蓋防止污垢和灰塵進入閥杆螺紋內
Dust cap protects stem threads against ingress of dirt and dust

固定螺帽避免填料螺栓在運作中松脫
Locking nut prevents packing bolt from lossening while in service

填料在閥杆螺紋下方，防止閥杆螺紋被流體磨損、腐蝕和污染
Packings below stem threads to prevent galling, corrosion and contamination by media

背閥座在全開時提供第二密封並防止閥杆飛出
Back seating in fully open position provides secondary stem seal and anti-blow out of stem

球閥特點
CHARACTERISTIC



不鏽鋼的手柄增加了耐腐蝕性
Stainless steel handle for improved corrosion resistance

閥桿採用防噴式設計
Blow out prevented stem

補償手柄磨損，延長使用壽命
For long service life if handle is galled

墊片密封圈，提供二次密封，增強密封性
Packing O-ring provides double sealed and reinforces tightness

確保密封的同時，減小閥桿和閥體間的摩擦
To ensure sealing simultaneously that decrease the corrosion between stem and body

組合閥座能獨力承擔全壓密封
Combined seat individually burdens positive seal

不鏽鋼浮球減小磨損，延長壽命
Stainless steel floating ball decreases corrosion and extends service life

技術參數
TECHNICAL PARAMETERS

項次 Item	零件名稱 Part Description	材質 Material
1	手柄 Handle	Aluminum
2	手柄固定螺絲 Handle Set Screw	SS304
3	閥桿 Stem	SS316/316L
4	防塵蓋 Dust Cap	PVC
5	填料螺栓 Packing Bolt	SS316/316L
6	固定螺帽 Locking Nut	SS304
7	閥蓋 Bonnet	SS316/316L
8	壓蓋 Gland	SS316/316L
9	上部填料 Upper Packing	TFM1600
10	下部填料 Lower Packing	TFM1600
11	閥芯 Stem Tip	SS630
12	本體 Body	SS316/316L
13	堵頭 Plug	SS316/316L

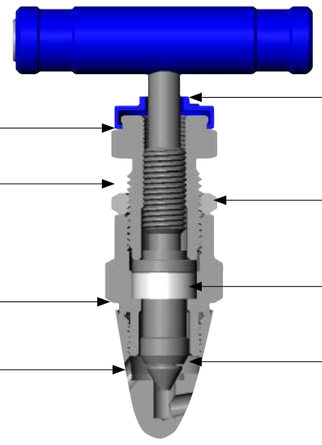
特性
FEATURES

- 降低 30% 以上洩漏點，確保管線系統安全
- 降低 30% 以上耗材，加工時間與物耗大幅縮減，具成本優勢
- 降低整體高度 50% 以上，方便管線系統的安排
- 管線系統整體重量降低，降低變形洩漏機率
- 同時整合球閥、針閥、表閥、轉接頭於一體，人機界面更簡潔，降低誤觸機率
- 可適用於高壓管線

- Decrease leak points by more than 30% and ensure thesafety of pipe system
- Cost advantage:To decrease at least 30% consumablesand processing time
- Lower the height of entire system more than 50% is easilyto design pipeline
- The less weight design is able to prevent the leakage causedbv over-weight structure bending
- The neat design is combined ball valve, needle valve, gaugevalve, and adaptor in one unit. Such simple interface lowersthe chances of maloperation
- Capable for high pressure pipe line

MFV2
工藝台管閥
MONOFLANGE

特點
CHARACTERISTICS



外部填料螺栓可簡易調整填料

External packing bolt allows easy packing adjustment

軋製閥杆螺紋延長使用壽命

Rolled stem threads for long service life

金屬密封結構確保安全性

Metal seal construction ensures safety

無旋轉閥芯提供可靠關斷和最大循環壽命

Non rotating stem tip for positive shutoff and maximum cycle life

防塵蓋防止污垢和灰塵進入閥杆螺紋內

Dust cap protects stem threads against ingress of dirt and dust

固定螺帽避免填料螺栓在運作中松脫

Locking nut prevents packing bolt from lossening while in service

填料在閥杆螺紋下方，防止閥杆螺紋被流體磨損、腐蝕和污染

Packings below stem threads to prevent galling, corrosion and contamination by media

背閥座在全開時提供第二密封並防止閥杆飛出

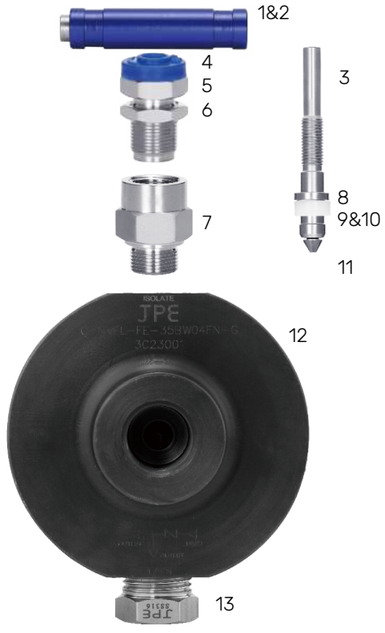
Back seating in fully open position provides secondary stem seal and anti-blow out of stem

特性
FEATURES

- 本體為不鏽鋼 SS316L / 316L 及 A350 LF2 低溫鋼
- 結構緊湊，潛在洩漏點少
- 體積小、重量輕，安裝便利

- Material: SS316L / 316L and A350 LF2 Cryogenic Steel
- Compact construction reduces potential leak points
- Small volume and light weight make assembly more easily

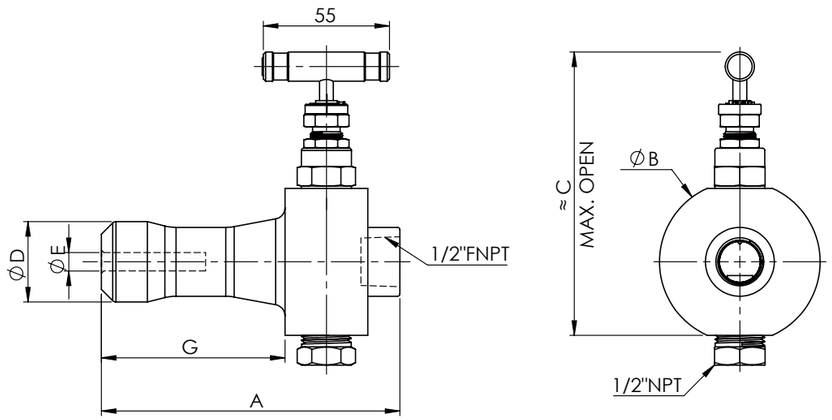
材質結構
MATERIAL OF CONSTRUCTION



項次 Item	零件名稱 Part Description	材質 Material
1	手柄 Handle	Aluminum
2	手柄固定螺絲 Handle Set Screw	SS304
3	閥桿 Stem	SS316L
4	防塵蓋 Dust Cap	PVC
5	填料螺栓 Packing Bolt	SS316L
6	固定螺帽 Locking Nut	SS304
7	閥蓋 Bonnet	SS316L
8	壓蓋 Gland	SS316/316L
9	上部填料 Upper Packing	TFM1600
10	下部填料 Lower Packing	TFM1600
11	閥芯 Stem Tip	SS630
12	本體 Body	A350 LF2
13	堵頭 Plug	SS316L

MFV2 工藝台管閥

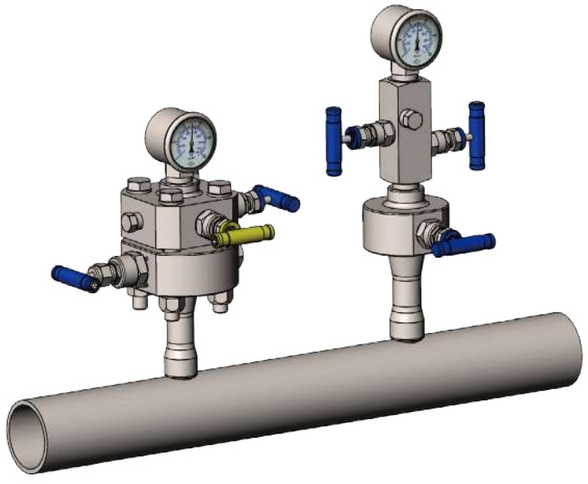
PROCESS VALVE



類型 Type	連接尺寸 Conn./Size		通徑 Orifice	A	B	C	E	G
	D 進口尺寸 Inlet	出口尺寸 Outlet						
對焊式 x 內螺紋 BUTT WELD xFEMALE THREAD	1/2" (21.3mm)	1/2"NPT	4	120	70	136	10	70
	3/4" (26.7mm)	1/2"NPT	4	126	70	136	12	76
	1" (33.4mm)	1/2"NPT	4	130	70	136	12	80

・若有其他尺寸需求,請洽詢銷售代表

・FOR OTHER SIZES, PLEASE CONTACT JPE SALES REPRESENTATIVE



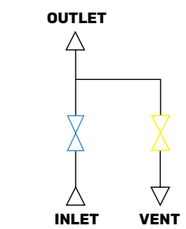
ORDERING INFORMATION 選型表

C -	DBB-	S6	-B	-BBN	10	T	D15	P-	9	D15	P	9	02P
產品大類 CLASSIFICATION	產品名稱 NAME OF PRODUCT	材質 MATERIAL	配置 CONFIGURATION	結構 CONSTRUCTION	孔徑 ORIFICE	填料密封 PACKING	進口尺寸 / 類型 INLET SIZE/ TYPE	法蘭密封型式 FLANGE SEAL TYPE	法蘭壓力等級 FLANGE PRESSURE PATINGS	進口尺寸 / 類型 INLET SIZE/ TYPE	法蘭密封型式 FLANGE SEAL TYPE	法蘭壓力等級 FLANGE PRESSURE PATINGS	堵頭尺寸 PLUG SIZE
C: 閥門類 VALVE	DBB:DBB 閥門 DBB:DBB VALVE	S6:SS316L	A: 單截止 A:SINGLE BLOCK	N: 針閥 N:NV	4:4mm 無球閥 NULL	T:PTFE	D15: 1/2"	S:RF 鋸齒 RF SERRATED	1:150#	D15: 1/2"	S:RF 鋸齒 S:RF SERRATED	1:150#	02P:1/4"
	MFVI: 工藝介面閥 MFVI:MONOFLANGE	S6L:SS316L	B: 雙截止 B:DOUBLE BLOCK	B: 球閥 B:BV	6:6mm 無球閥 NULL	G: 石墨 G:GRAPHITE	D20: 3/4"	P:RF 平面 RF SMOOTH	3:300#	D20: 3/4"	P:RF 平面 P:RF SMOOTH	3:300#	04P:1/2"
	MFV2: 台管閥 MFV2:PROCESSFLANGE	A350:A350 LF2	C/C1: 單截止單排放 C/C1:SINGLE BLOCK AND BLEED	O:OS&Y	10:10mm 球徑 BALL DIAMTER		D25: 1"	R:RTJ	6:600#	D25: 1"	R:RTJ	6:600#	無堵頭可以不填 (A、B 系列無堵頭) Valves without plugs: such as ball valves, are not in this requirement.
		N825:Inconel825	D: 截止 / 排放 / 截止 D:BLOCK/BLEED/BLOCK	M: 螺栓連接的閥蓋 M:Bolted bonne	20:20mm 球徑 BALL DIAMTER		D40: 1 1/2"		9:900#	D40: 1 1/2"		9:900#	
		276:C276	D1: 截止 / 截止 / 排放 D1:BLOCK/BLOCK/BLEED	X: 無 X:NULL	25:25mm 球徑 BALL DIAMTER		D50: 2"		15:1500#	D50: 2"		15:1500#	
							04FN: 1/2"F NPT		25:2500#	04FN: 1/2"F NPT		25:2500#	
							06FN: 3/4"F NPT			06FN: 3/4"F NPT			
							04BW: 1/2" 對焊 1/2"BUTT WELD			04BW: 1/2" 對焊 1/2"BUTT WELD			
							06BW: 3/4" 對焊 3/4"BUTT WELD			06BW: 3/4" 對焊 3/4"BUTT WELD			
							04SW: 1/2" 套焊 1/2"SOCKET WELD			04SW: 1/2" 套焊 1/2"SOCKET WELD			
							06SW: 3/4" 套焊 3/4"SOCKET WELD			06SW: 3/4" 套焊 3/4"SOCKET WELD			

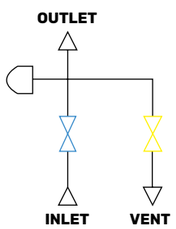
流向圖形式 FLOW DIAGRAM

C1、D1 僅用於 MFV1 系列
C1&D1 ONLY APPLY TO MFV1

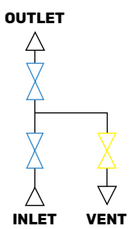
C 系列流向圖
FLOW DIAGRAM OF C SERIES



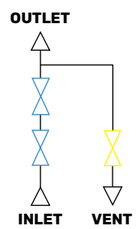
C1 系列流向圖
FLOW DIAGRAM OF C1 SERIES



D 系列流向圖
FLOW DIAGRAM OF D SERIES



D1 系列流向圖
FLOW DIAGRAM OF D1 SERIES

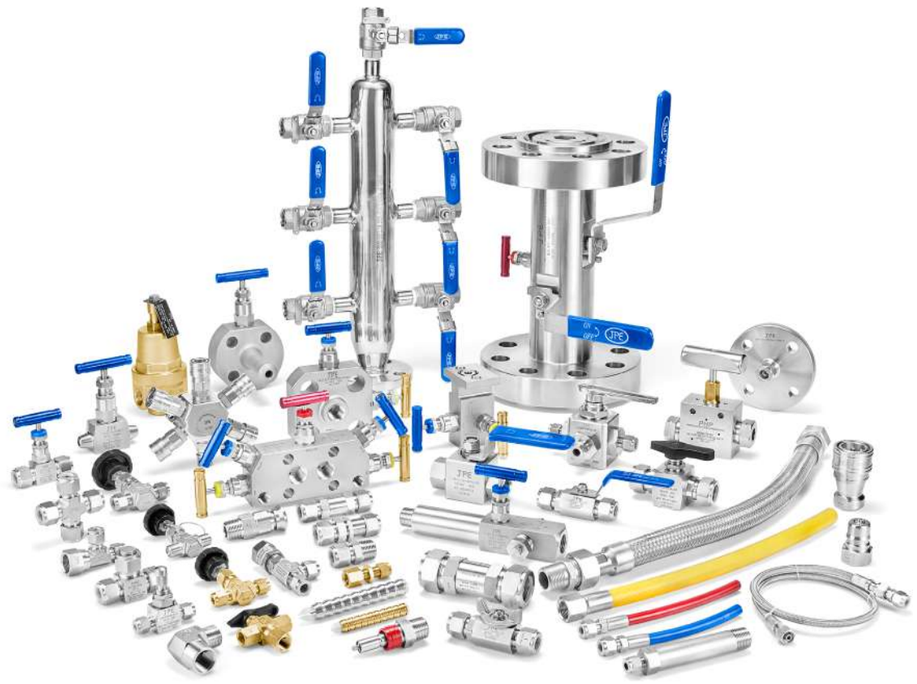


- 結構按照三碼標識，不夠三碼則為無，用 X 表示。例：BN“X”
- 如果進出口連接型式一樣，可只寫一種。例：產品編號 C-DBB-S6-C-BNB25TD50RF9-D50RF9-02P 則轉換 C-DBB-S6-C-BNB25TD50RF9-02P
- Please combine the 3 digitals you select as the valve construction code. If there are only one or two digitals to be selected, please use "X" to complete the code as 3rd digital. Ex: BN"X"
- If the inlet type and outlet type are the same, it is possible to write just one.
  Ex：C-DBB-S6-C-BNB25TD50RF9-D50RF9-02P to C-DBB-S6-C-BNB25TD50RF9-02P

MEMO

Date / /

MEMO

Date / /

www.yeanhern.com