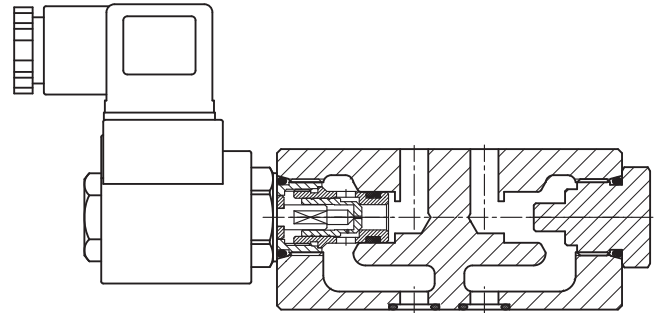


疊加式電控單向止逆閥

MODULAR SOLENOID OPERATED CHECK VALVE

MSC-02 系列 SERIES

Hidraman



基本規格SPECIFICATIONS

MSC-02 系列 SERIES			
最大工作壓力 Maximum Pressure		bar	210 bar (3000 PSI)
最大流量 Maximum Flow		LPM	30 LPM (8.0 GPM)
線圈電壓範圍 Voltage Range		V	12/24 VDC 115/230 VAC
內漏量 Internal Leakage		cc / min	0.25 (cc / min)
重量 Weight	型式 Code: W	Kgs	1.5 Kgs (2.7 Lbs)
	型式 Code: A,B	Kgs	1.2 Kgs (2.5 Lbs)
使用油品 Fluid Type			礦物性 耐磨性 Mineral,Anti-Wear
黏度範圍 Viscosity		cST	10-400 cST (59-1854 SSU)
使用溫度 Operating Temperature		°C	-15-70°C (-5-158°F)
清潔度 Contamination Level			NAS 12 級以內 Under NAS Class 12
表面處理 Surface Treatment			磷酸鹽皮膜處理 Zinc Phosphate Compound

型號說明HOW TO ORDER

MSC - 02 A - 24 DG - NC - 30

① ② ③ ④ ⑤ ⑥ ⑦

① 閥系列 Valve Series

MSC = 疊加式電控單向止逆閥

Modular Solenoid Operated Check Valve

② 通稱口徑 Subplate Mounting Size

02 = 通稱 Nominal 1 / 4" (6mm)

ISO CETOP3

DIN NG6

NFPA D03

④ 線圈電壓 Coil Voltage

12 = 12 VDC

24 = 24 VDC

115 = 115 VAC

230 = 230 VAC

⑤ 接線方式 Wiring

AG = 交流插式接線式 DIN 43650 (VAC)

DG = 直流插式接線式 DIN 43650 (VAC)

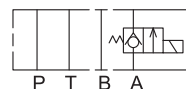
⑥ NC = 常閉式 Normally Closed

NO = 常開式 Normally Open

⑦ 設計型號 Design No.

③ 控制迴路 Control Port

MSC-A-NC



A 常閉控制迴路

(A Port Normally Closed)

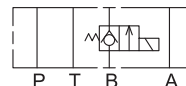
MSC-A-NO



A 常開控制迴路

(A Port Normally Open)

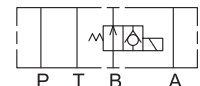
MSC-B-NC



B 常閉控制迴路

(B Port Normally Closed)

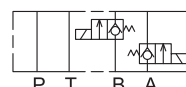
MSC-B-NO



B 常開控制迴路

(B Port Normally Open)

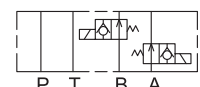
MSC-W-NC



A&B 常閉控制迴路

(A&B Port Normally Closed)

MSC-W-NO



A&B 常開控制迴路

(A&B Port Normally Open)

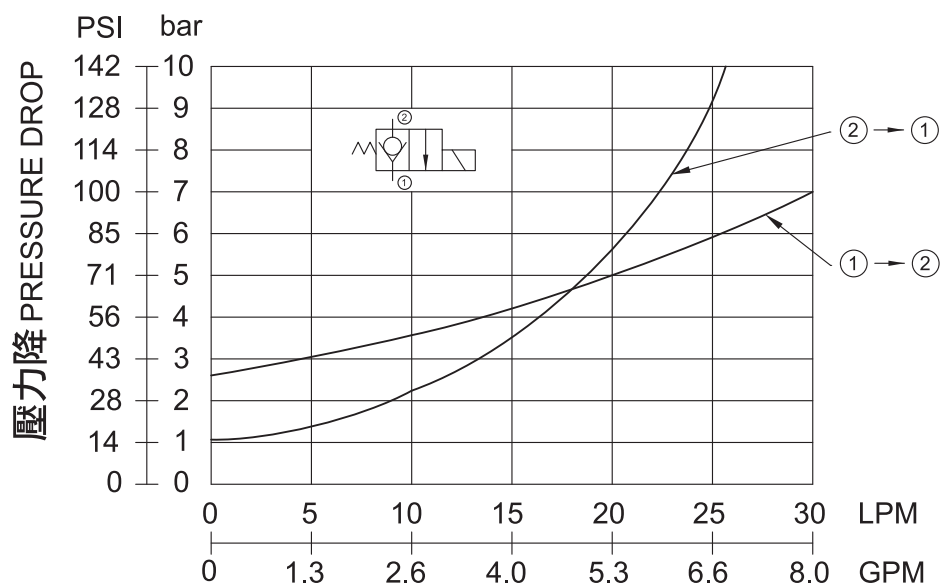
特性曲線PERFORMANCE

測試條件 Test Conditions

溫度 Oil Temperature: 50°C (122 °F)

黏度 Viscosity: 35cST (163 SSU)

壓力降特性曲線PRESSURE DROP



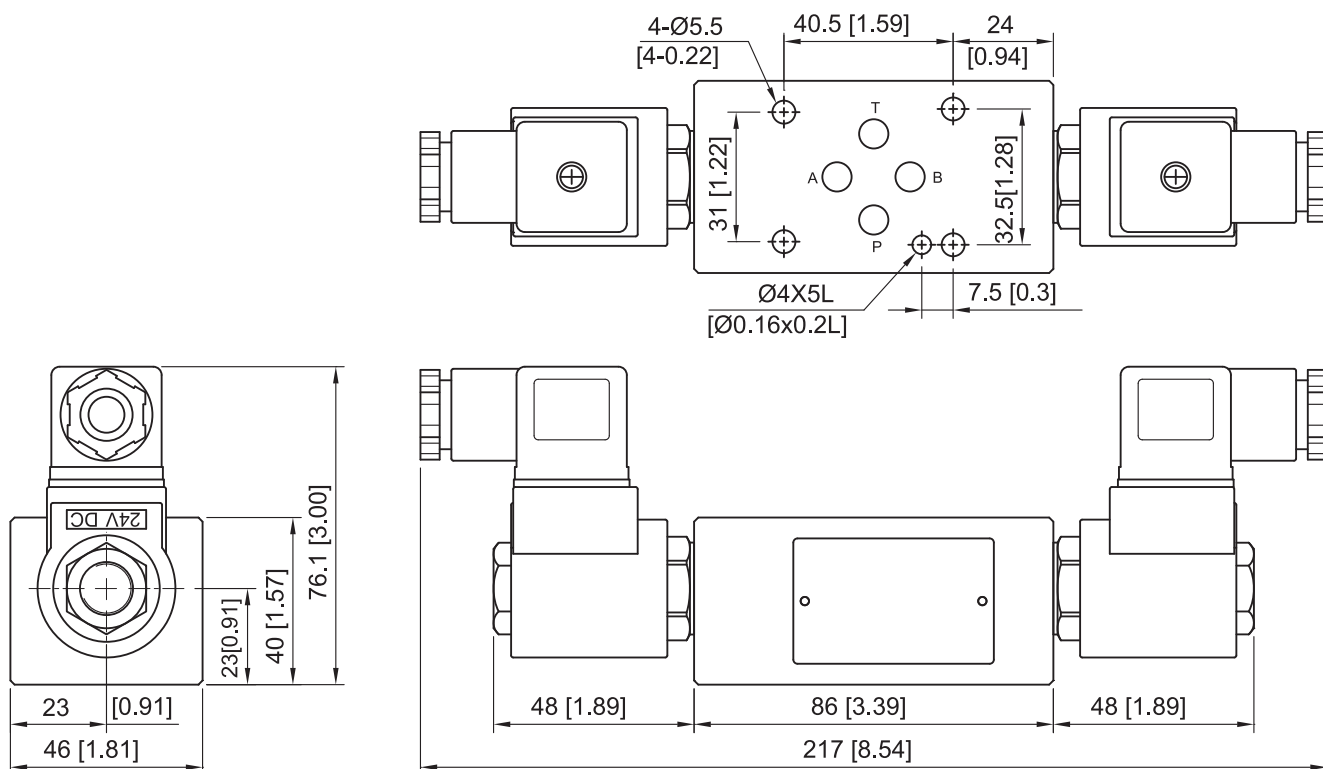
流量FLOW

外型尺寸DIMENSIONS

MSC-02W

安裝面

Mounting Interface:
ISO 4401-AB-03-4-A

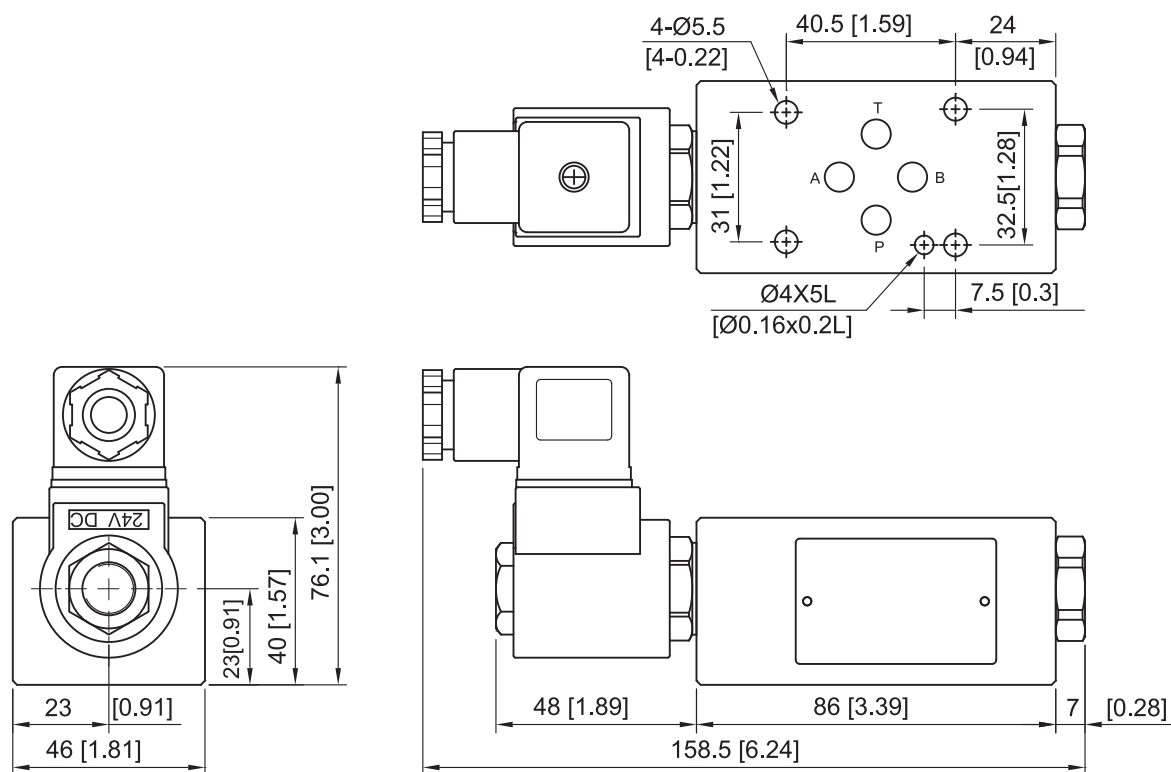


外型尺寸 DIMENSIONS

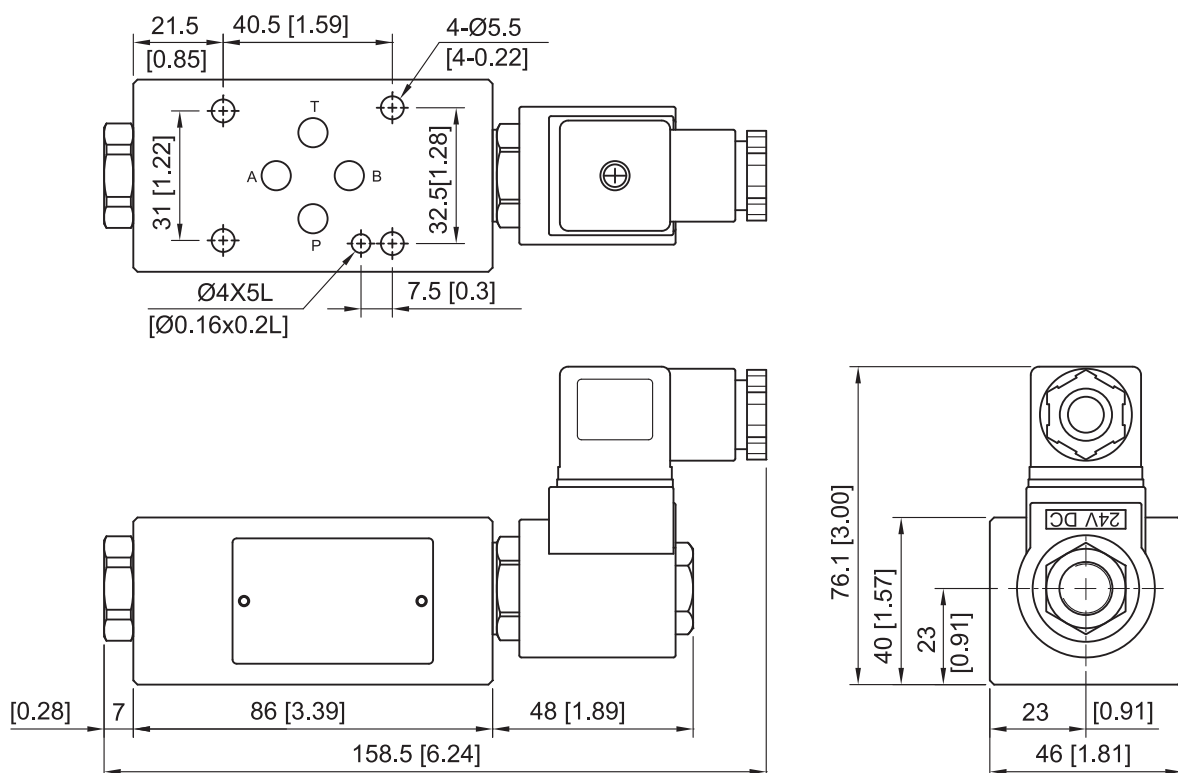
安裝面

Mounting Interface:
ISO 4401-AB-03-4-A

MSC-02A

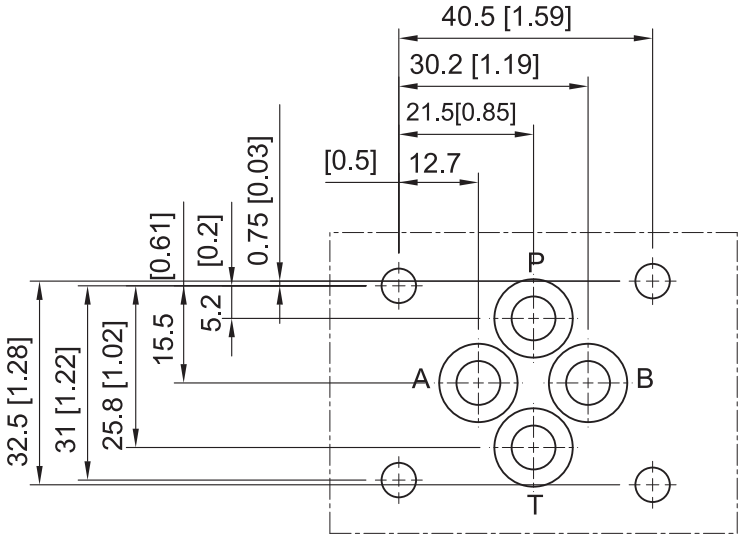


MSC-02B



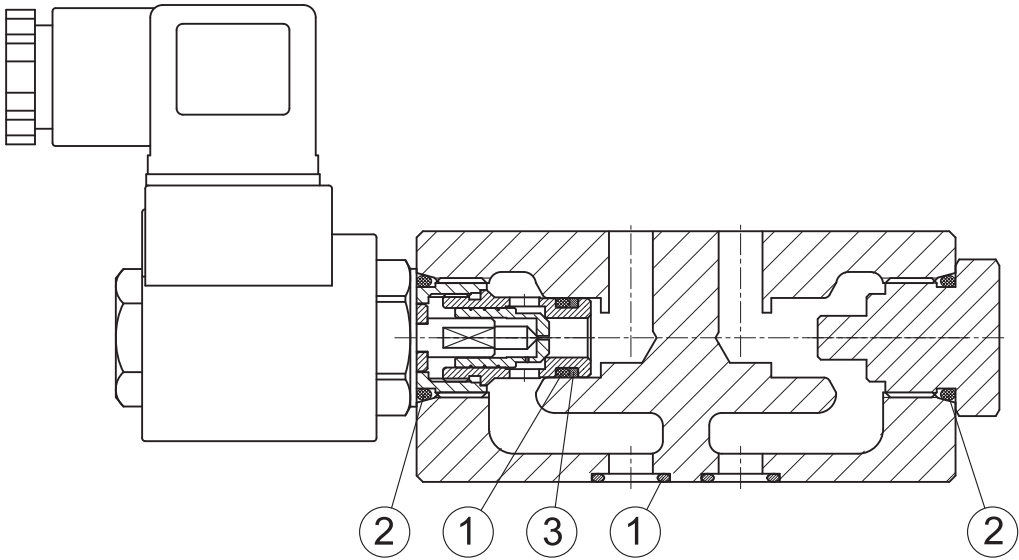
安裝面 MOUNTING INTERFACE

ISO 4401-AB-03-4-A

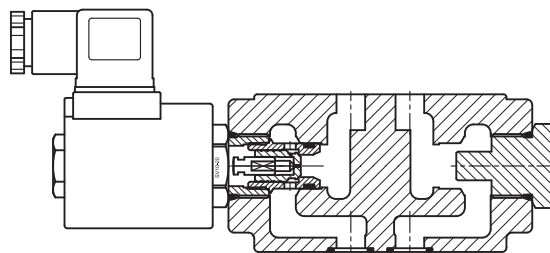


密封件 SEAL KITS

MSC-02



NO.	種類 Description	型號 Specification	數量 Q'ty		
			W	A	B
1	O 型環 O-ring	AS568-012 HS90°	6	5	5
2	O 型環 O-ring	P-16 HS70°	2	2	2
3	背托環 Back-up Ring	AS568-012 橡膠	2	1	1



基本規格 SPECIFICATIONS

MSC-03 系列SERIES			
最大工作壓力 Maximum Pressure		bar	210 bar (3000 PSI)
最大流量 Maximum Flow		LPM	60 LPM (16.0 GPM)
線圈電壓範圍 Voltage Range		V	12/24 VDC 115/230 VAC
內漏量 Internal Leakage		cc / min	0.25 (cc / min)
重量 Weight	型式 Code: W	Kgs	3.4 Kgs (7.5 Lbs)
	型式 Code: A,B	Kgs	3.1 Kgs (6.9 Lbs)
使用油品 Fluid Type		礦物性 耐磨性 Mineral,Anti-Wear	
黏度範圍 Viscosity		cST	10-400 cST (59-1854 SSU)
使用溫度 Operating Temperature		°C	-15-70°C (-5-158°F)
清潔度 Contamination Level		NAS 12 級以內 Under NAS Class 12	
表面處理 Surface Treatment		磷酸鹽皮膜處理 Zinc Phosphate Compound	

型號說明 HOW TO ORDER

MSC - 03 A - 24 DG - NC - 30

① ② ③ ④ ⑤ ⑥ ⑦

① 閥系列 Valve Series

MSC = 疊加式電控單向止逆閥

Modular Solenoid Operated Check Valve

② 通稱口徑 Subplate Mounting Size

03 = 通稱 Nominal 3 / 8" (9mm)

ISO CETOP5

DIN NG10

NFPA D05

④ 線圈電壓 Coil Voltage

12 = 12 VDC

24 = 24 VDC

115 = 115 VAC

230 = 230 VAC

⑤ 接線方式 Wiring

AG = 交流插式接線式 DIN 43650 (VAC)

DG = 直流插式接線式 DIN 43650 (VDC)

⑥ NC = 常閉式 Normally Closed

NO = 常開式 Normally Open

⑦ 設計型號 Design No.

③ 控制迴路 Control Port

MSC-A-NC



A 常閉控制迴路

(A Port Normally Closed)

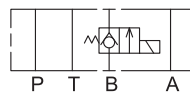
MSC-A-NO



A 常開控制迴路

(A Port Normally Open)

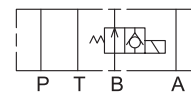
MSC-B-NC



B 常閉控制迴路

(B Port Normally Closed)

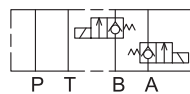
MSC-B-NO



B 常開控制迴路

(B Port Normally Open)

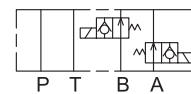
MSC-W-NC



A&B 常閉控制迴路

(A&B Port Normally Closed)

MSC-W-NO



A&B 常開控制迴路

(A&B Port Normally Open)

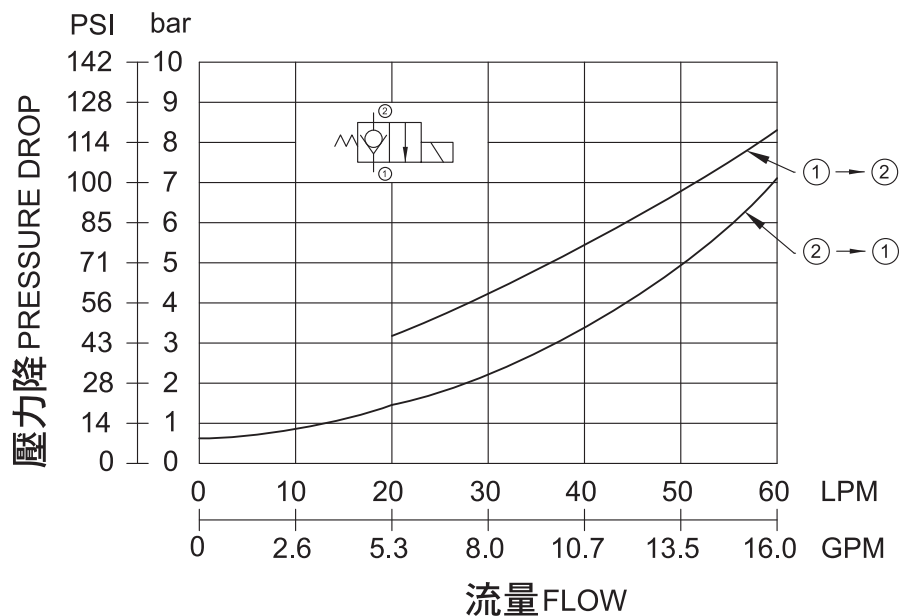
特性曲線 PERFORMANCE

測試條件 Test Conditions

溫度 Oil Temperature: 50°C (122 °F)

黏度 Viscosity: 35cST (163 SSU)

壓力降特性曲線 PRESSURE DROP

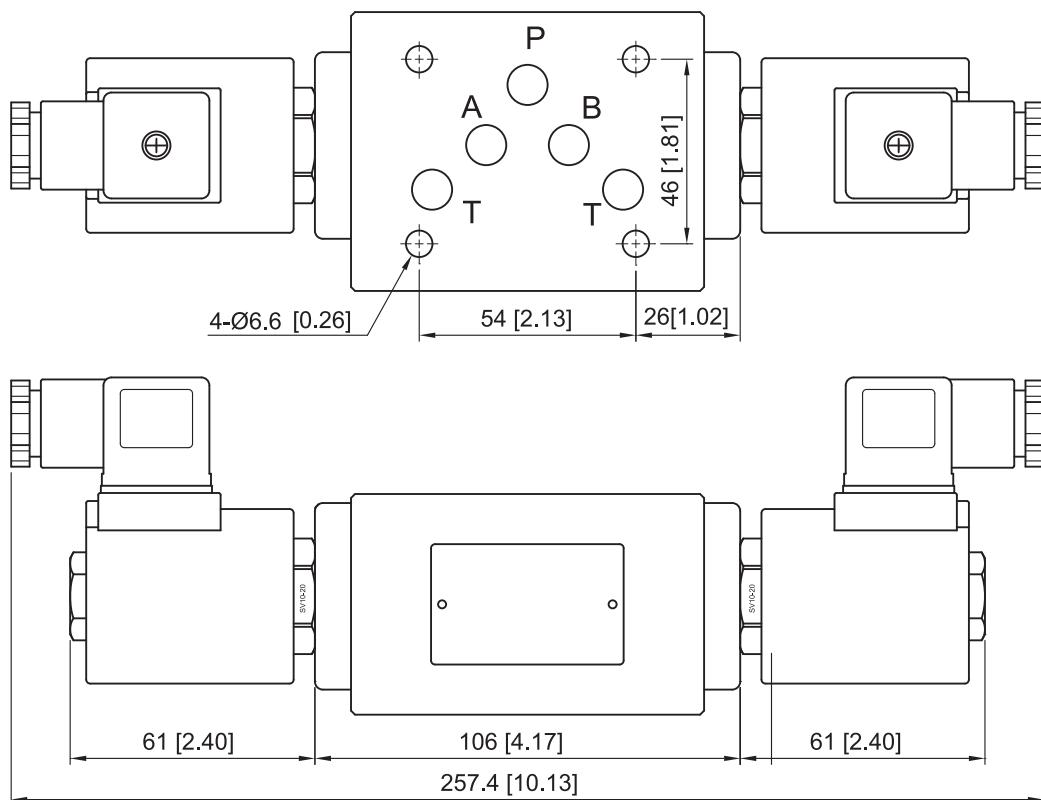
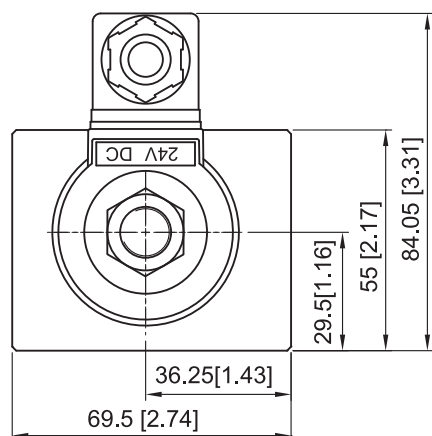


外型尺寸 DIMENSIONS

MSC-03W

安裝面

Mounting Interface:
ISO 4401-AC-05-4-A



疊加式電控單向止逆閥
MODULAR SOLENOID OPERATED CHECK VALVE
MSC-03 系列 SERIES

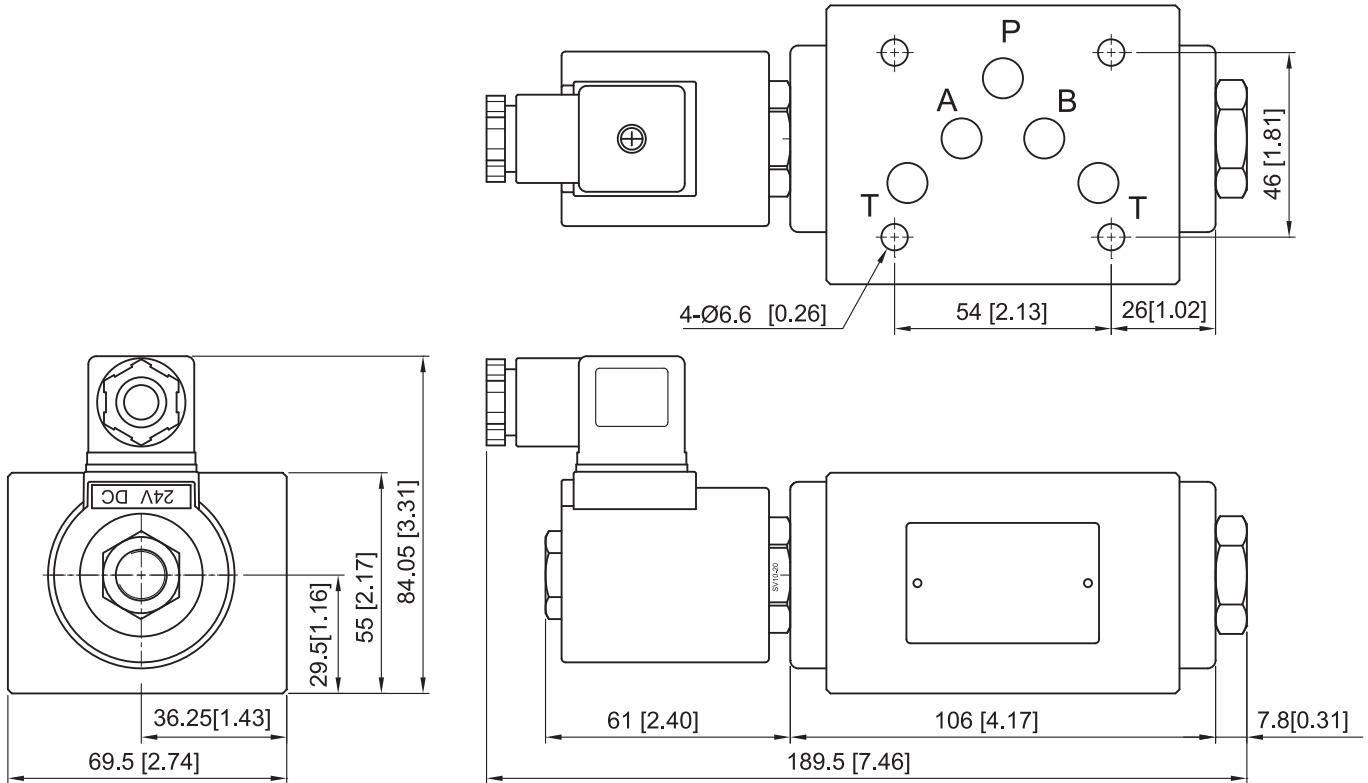


安裝面

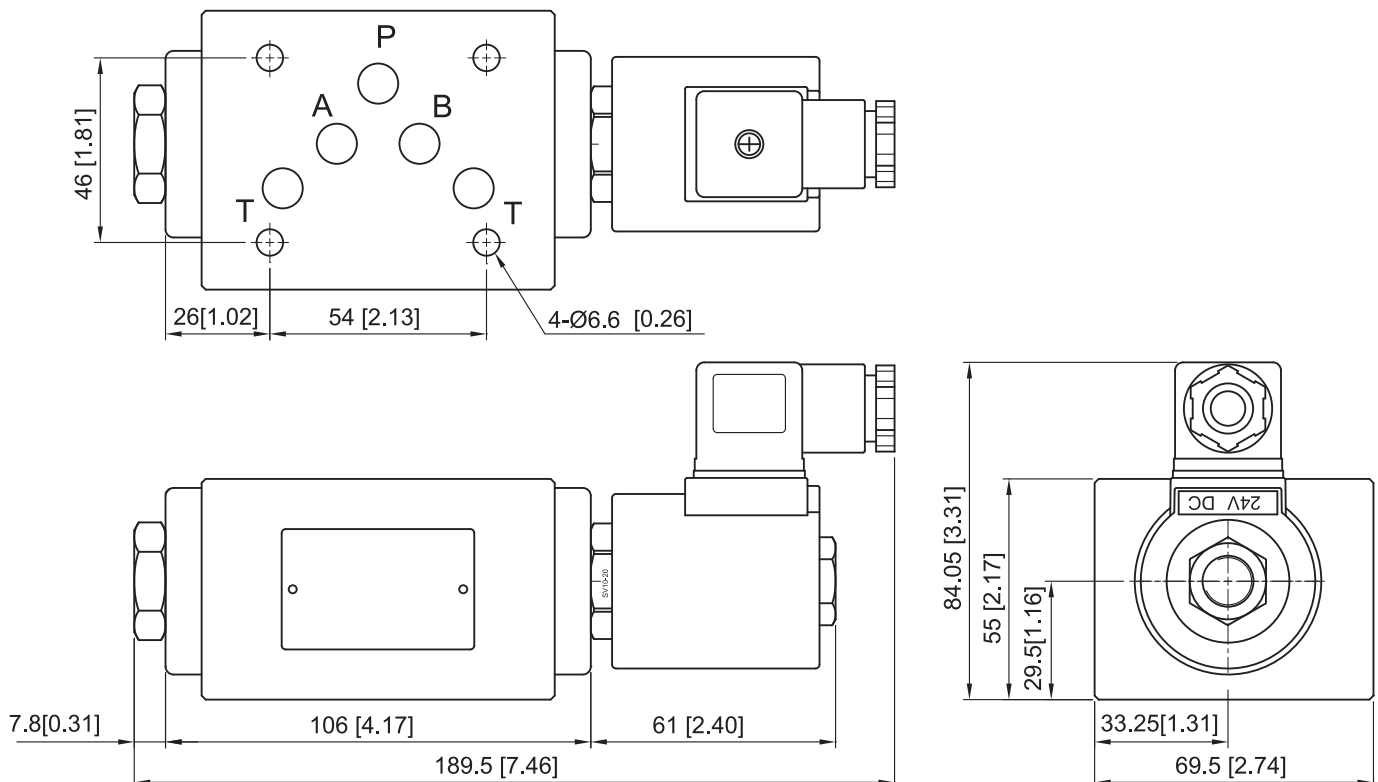
Mounting Interface:
ISO 4401-AC-05-4-A

外型尺寸DIMENSIONS

MSC-03A

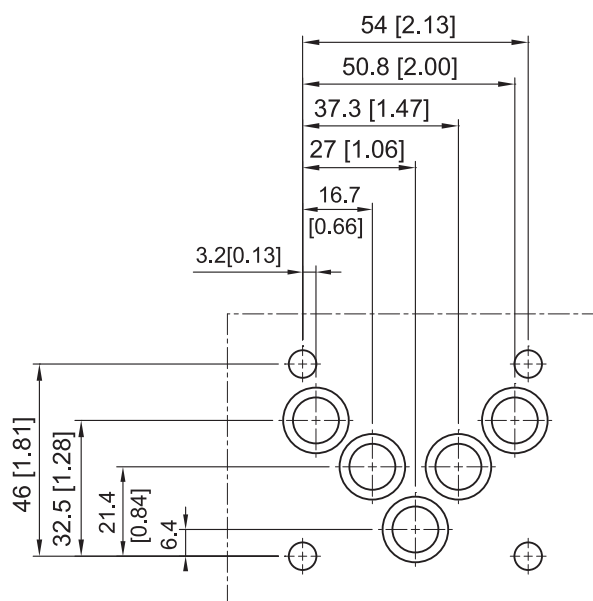


MSC-03B



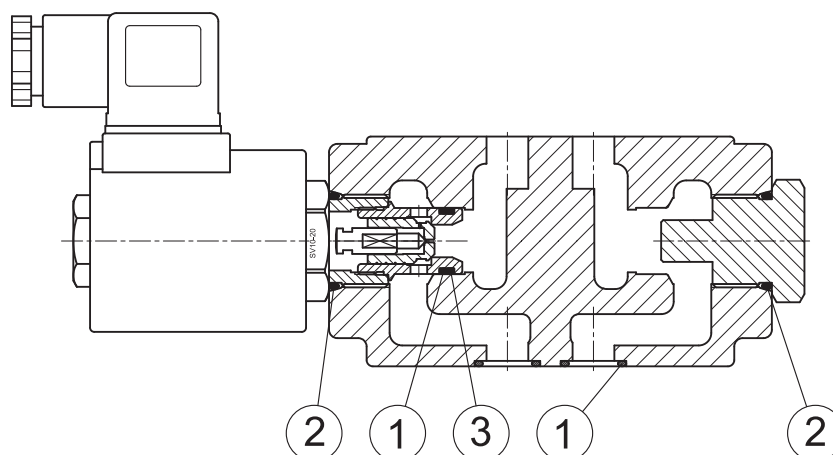
安裝面 MOUNTING INTERFACE

ISO 4401-AC-05-4-A



密封件 SEAL KITS

MSC-03



NO.	種類 Description	型號 Specification	數量Q'ty	
			A / B	W
1	O 型環 O-ring	AS568-014 HS90°	6	7
2	O 型環 O-ring	P-20 HS70°	2	2
3	背托環 Back-up Ring	AS568-014 橡膠	1	2