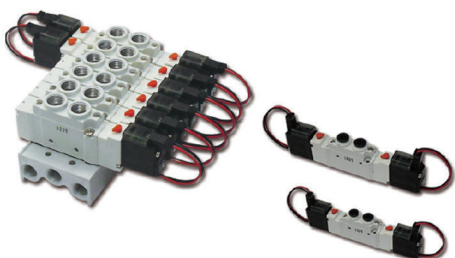


SM 系列 — 電磁閥

特點、規格表、訂購稱呼代號

特點

- 插接式接電方式，端子水平安裝與垂直安裝可自由互換
- 內排式結構，能將先導氣收集後集中從 R.S 孔排出
- 螺紋接管型與快插接頭接管型可供選擇
- 三位置電磁閥有三種中央功能可供選擇



規格表

項目	機種	SM 5000	SM 7000	SM 9000
使用流體		空氣		
使用壓力範圍	kgf / cm ² (kPa)	1.5 ~ 7 (150 ~ 700)		
使用溫度範圍	°C	5 ~ 60		
切控方法		空氣導引		
氣口數及位置數		5 口 2 位置 / 5 口 3 位置		
五口三位閥仕様		中閉型 / 中開型 / 中排型		
有效斷面積	mm ² (CV)	9 (0.5)	16.2 (0.9)	30.6 (1.7)
手押按鈕		手壓旋轉固定		
連接口徑		Rc 1/8, Ø4, Ø6, Ø8	Rc 1/8, Rc 1/4, Ø6, Ø8, Ø10	Rc 1/4, Rc 3/8, Ø8, Ø10, Ø12
潤滑		自由供給方式		

訂購稱呼代號

SM 5 10 1 - - A1 - L - M2

1 2 3 4 5 6 7

1 代號	機種樣式
5	5000 系列
7	7000 系列
9	9000 系列

2 代號	切換方法	氣口數及位置數
10	單線圈	五口二位
20	雙線圈	
30	中閉式	五口三位
40	中排式	
50	中開式	

● 五口三位皆屬雙線圈

接管型式				
代號	牙徑	適用機型		
		SM 5000	SM 7000	SM 9000
1	Rc 1/8	●	●	—
2	Rc 1/4	—	●	●
3	Rc 3/8	—	—	●
0	附接頭型式			

● A, B 孔接管型式

附接頭型式				
代號	接頭口徑	適用機型		
		SM 5000	SM 7000	SM 9000
無記號 牙孔型式 (標準)				
C4	Ø4	●	—	—
C6	Ø6	●	●	—
C8	Ø8	●	●	●
C10	Ø10	—	●	●
C12	Ø12	—	—	●

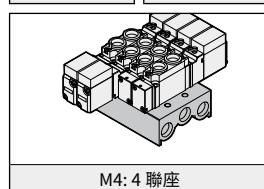
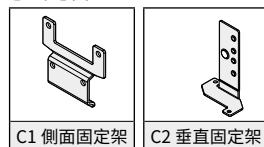
5 代號	電壓型式
D1	12V DC / 1.5W
D2	24V DC / 1.5W
A1	110V AC / 0.9VA
A2	220V AC / 1.8VA

6 代號	進氣位置	代號	進氣位置
L		T	
L 型		T 型	
W		K	
直接出線型		DIN 電氣插座型	

● L, T, W 型附線長 300mm, K 型僅做 AC220V/DC24V

7 記號	聯座及固定形式
無記號	不附聯座 / 不附固定架
C1	側面固定架
C2	垂直固定架
M2	2 聯組底座
M3	3 聯組底座
⋮	⋮
M20	20 聯組底座

● 示意圖



● SM 9000 無固定架型式

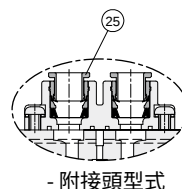
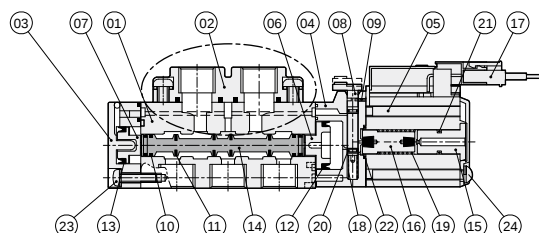
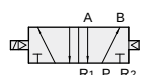
● C1, C2 僅限單體

SM 系列 — 電磁閥

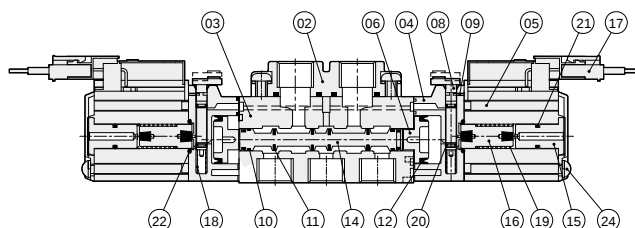
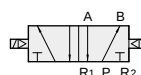
內部結構圖、零件材料表

內部結構圖

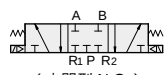
單線圈 五口二位置



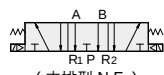
雙線圈 五口二位置



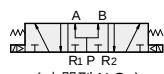
雙線圈 五口三位置



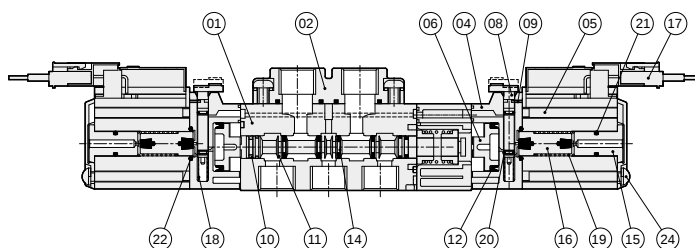
(中閉型 N.C.)



(中排型 N.F.)



(中開型 N.O.)



零件材料表

編號	項目	材質	編號	項目	材質
01	本體	鋁合金	14	滑軸	鋁合金
02	上蓋板	鋁合金	15	線圈固定鐵心	不銹鋼
03	後蓋	飽和聚酯	16	可動鐵心	不銹鋼
04	中座	飽和聚酯	17	電線插頭	飽和聚酯
05	線圈	—	18	手動軸彈簧	不銹鋼
06	中座活塞	塑鋼	19	可動鐵心彈簧	不銹鋼
07	後蓋活塞	塑鋼	20	手動軸 O 型環	耐油膠
08	手動軸	塑鋼	21	固定鐵 O 型環	耐油膠
09	定位鐵片	鐵	22	本體用 O 型環	耐油膠
10	滑軸迫緊	耐油膠	23	後蓋固定螺絲	合金鋼
11	滑軸迫緊	耐油膠	24	線圈蓋板固定螺絲	合金鋼
12	中座活塞迫緊	耐油膠	25	接頭	塑料
13	後蓋活塞迫緊	耐油膠			

註：本體外觀採用烤漆處理。

重量表

單位：g

型號	SM 5000			SM 7000			SM 9000		
項目	五口二位 - 單	五口二位 - 雙	五口三位	五口二位 - 單	五口二位 - 雙	五口三位	五口二位 - 單	五口二位 - 雙	五口三位
單體	85.4	123	130	145.2	169	197	251.3	329	363
N 聯	(單體重 x N) + 143 + [32.6 x (N - 2)]			(單體重 x N) + 152 + [47.9 x (N - 2)]			(單體重 x N) + 449.1 + [104.7 x (N - 2)]		

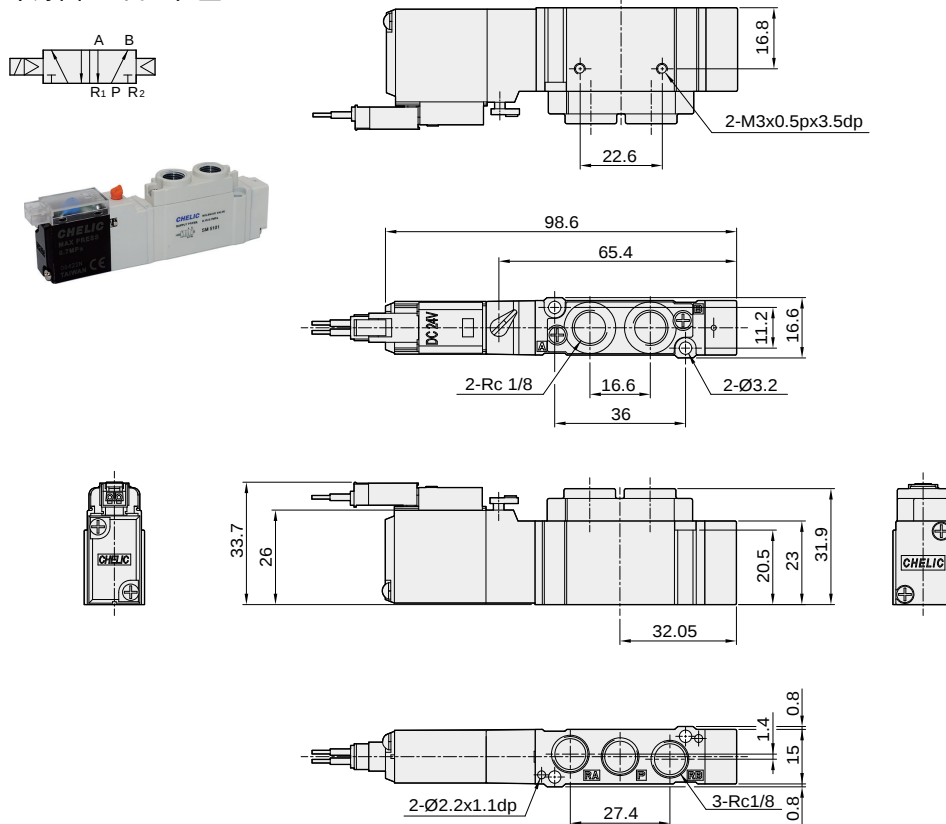
註：N 為聯座數，N ≥ 2。

SM 系列 — 電磁閥

外觀圖形尺寸 / SM 5000 標準型

SM 5101

● 單線圈 五口二位置

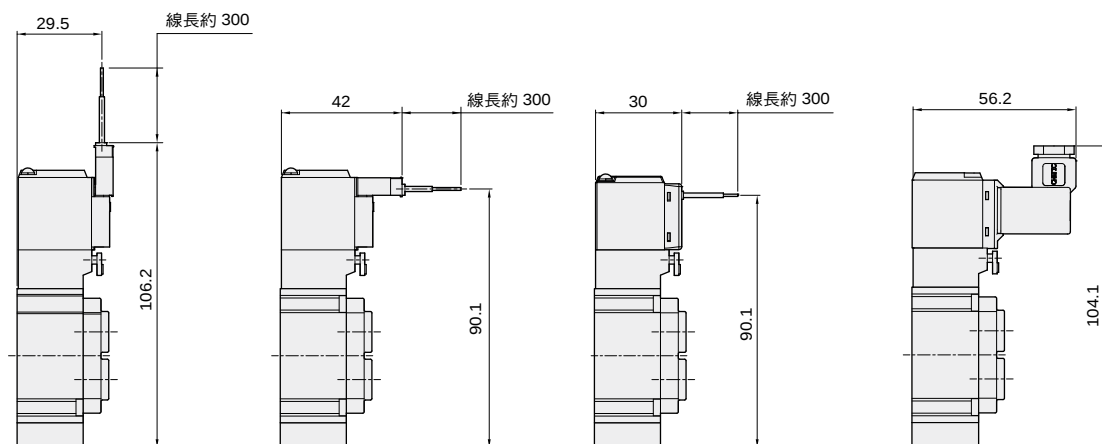


● L型接線型式 - **L**

● T型接線型式 - **T**

● W型接線型式 - **W**

● K型接線型式 - **K**

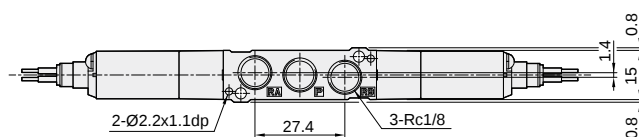
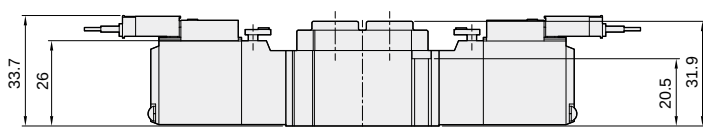
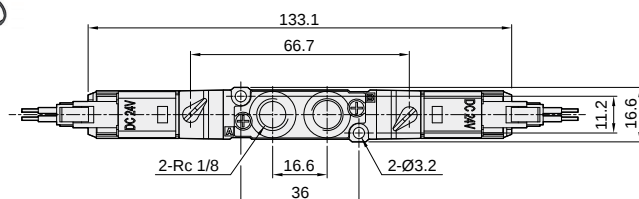
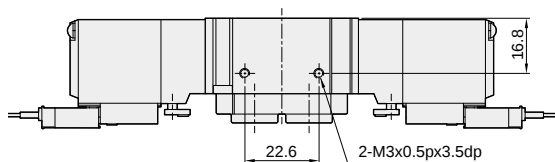
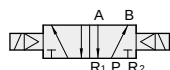


SM 系列 — 電磁閥

外觀圖形尺寸 / SM 5000 標準型

SM 5201

双線圈 五口二位置

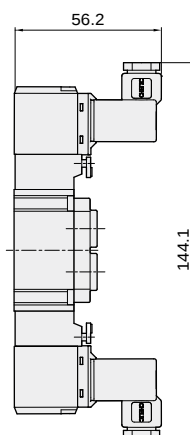
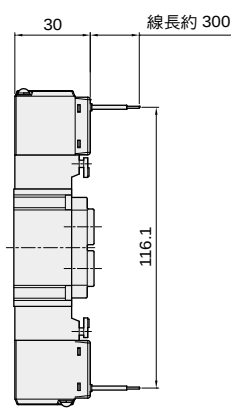
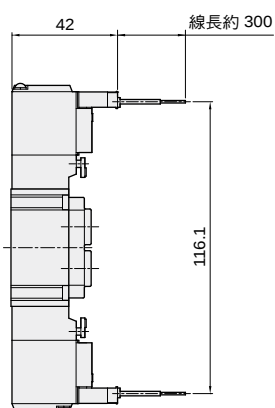
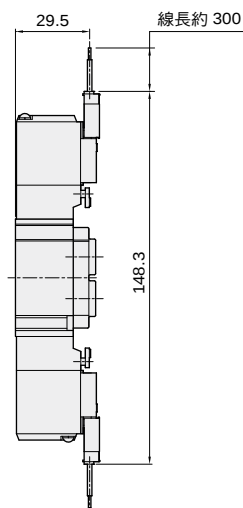


L型接線型式 - L

T型接線型式 - T

W型接線型式 - W

K型接線型式 - K



SM 系列 — 電磁閥

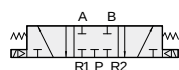
外觀圖形尺寸 / SM 5000 標準型

SM 5301

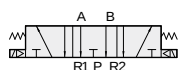
SM 5401

SM 5501

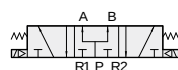
● 雙線圈 五口三位置



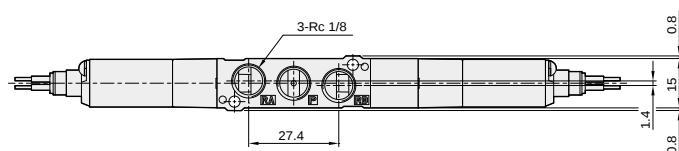
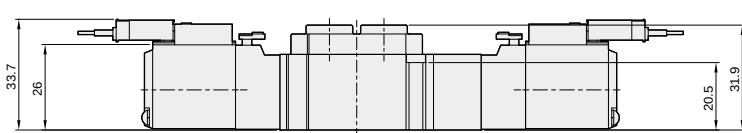
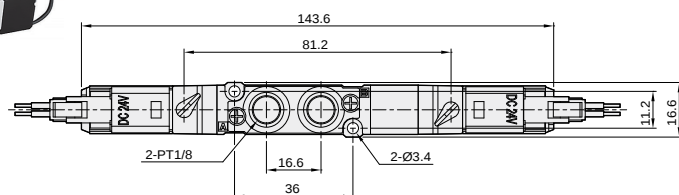
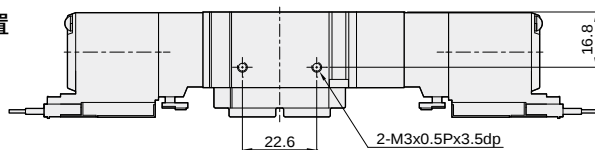
SM 5301 (中閉型) N.C.



SM 5401 (中排型) N.F.



SM 5501 (中開型) N.O.

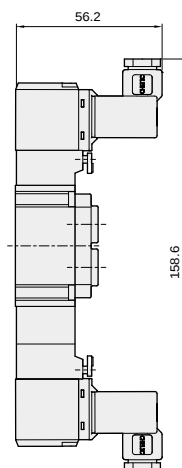
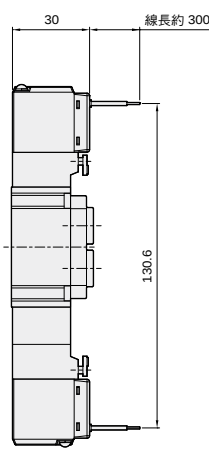
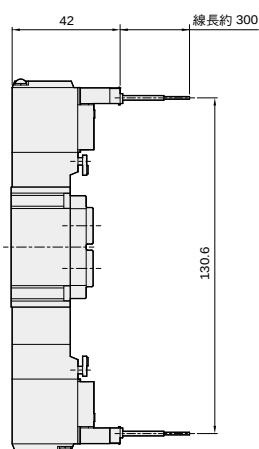
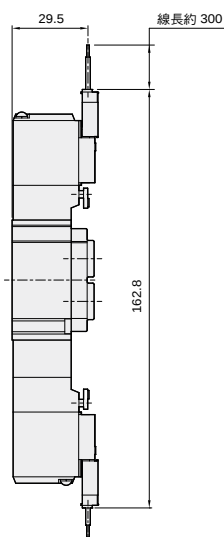


● L型接線型式 - L

● T型接線型式 - T

● W型接線型式 - W

● K型接線型式 - K

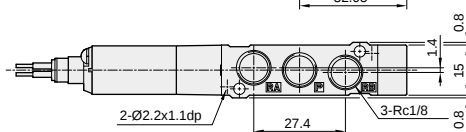
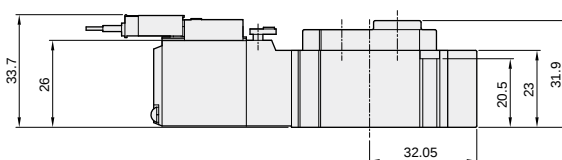
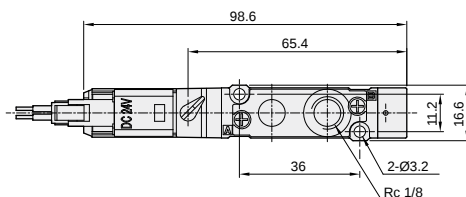
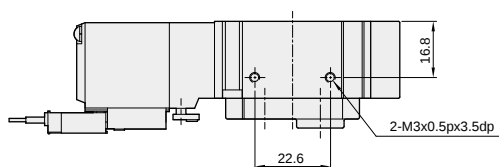
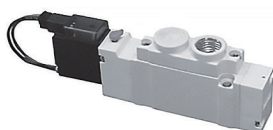
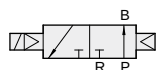


SM 系列 — 電磁閥

外觀圖形尺寸 / SM 5000 標準型

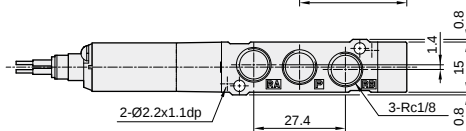
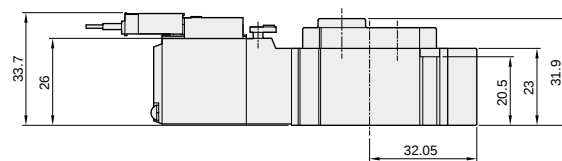
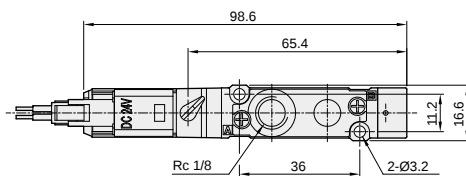
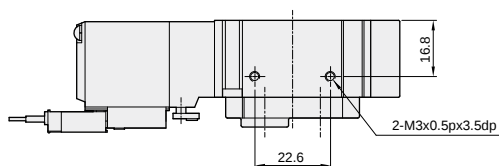
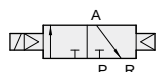
SM 5101-TA

● 單線圈 三口二位置



SM 5101-TB

● 單線圈 三口二位置



SM 系列 — 電磁閥

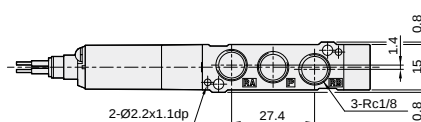
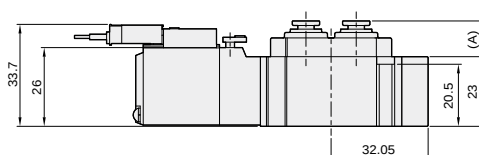
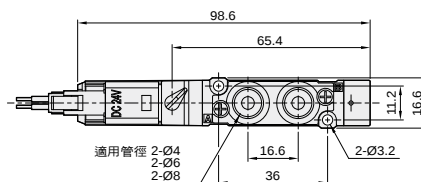
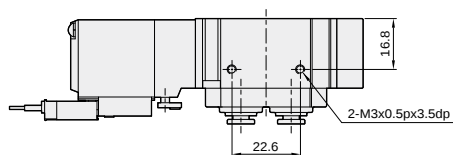
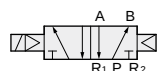
外觀圖形尺寸 / SM 5000 附接頭型式

SM 5100-C4(Ø4)

SM 5100-C6(Ø6)

SM 5100-C8(Ø8)

► 單線圈 五口二位置



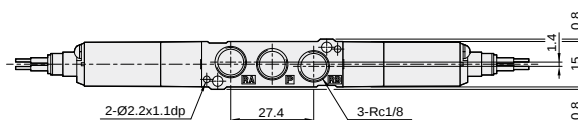
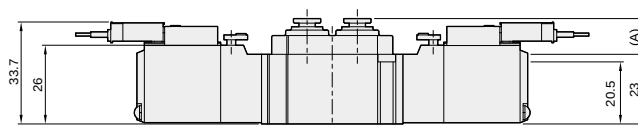
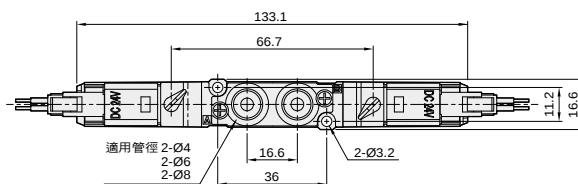
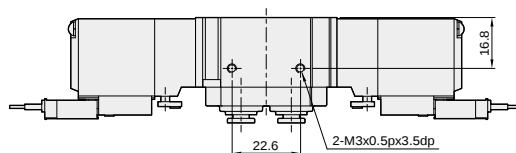
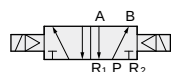
規格	A
SM 5100-C4	11.6
SM 5100-C6	12.2
SM 5100-C8	13.5

SM 5200-C4(Ø4)

SM 5200-C6(Ø6)

SM 5200-C8(Ø8)

► 雙線圈 五口二位置



規格	A
SM 5200-C4	11.6
SM 5200-C6	12.2
SM 5200-C8	13.5

SM 系列 — 電磁閥

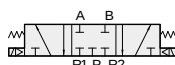
外觀圖形尺寸 / SM 5000 附接頭型式

SM 5300-C4(Ø4), C6(Ø6), C8(Ø8)

SM 5400-C4(Ø4), C6(Ø6), C8(Ø8)

SM 5500-C4(Ø4), C6(Ø6), C8(Ø8)

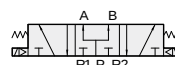
● 雙線圈 五口三位置



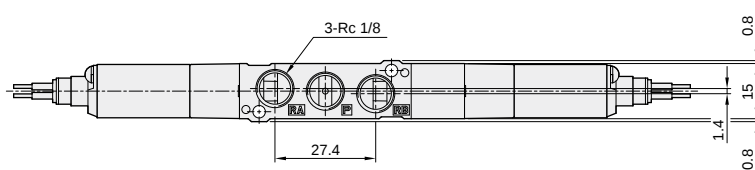
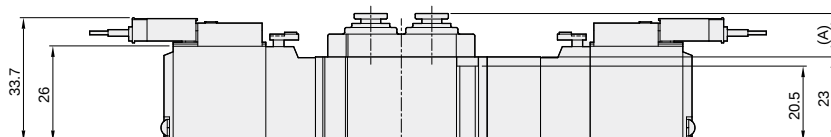
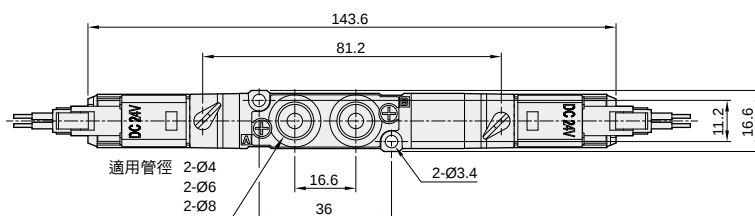
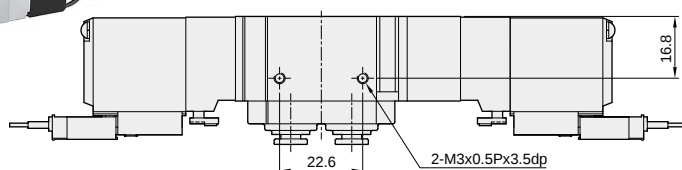
SM 5(3)00 (中閉型) N.C.



SM 5(4)00 (中排型) N.F.



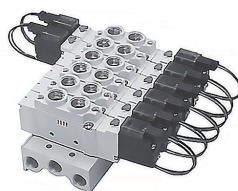
SM 5(5)00 (中開型) N.O.



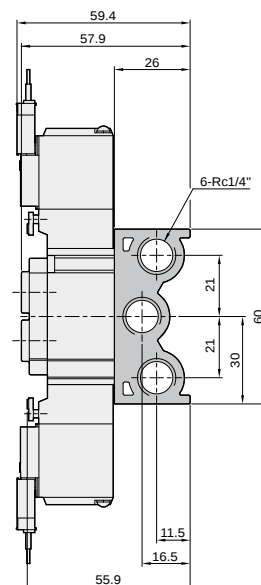
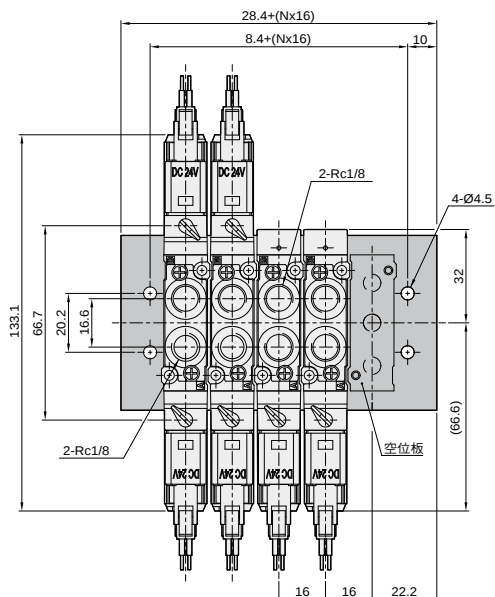
規格	A
SM 5□00-C4	11.6
SM 5□00-C6	12.2
SM 5□00-C8	13.5

SM 系列 – 電磁閥

外觀圖形尺寸 / SM 5000 聯座型

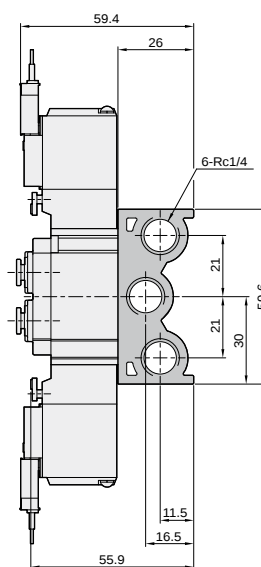
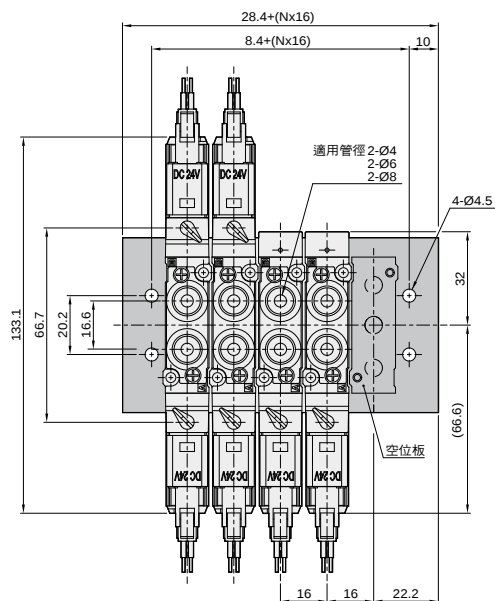
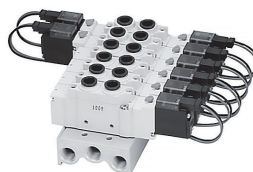


SM 5000 系列 聯座型 - 標準



● 註:空位板為預留電磁閥使用之暫存位置用，附防漏橡膠墊片。

SM 5000 系列 聯座型 - 附接頭



● 註:空位板為預留電磁閥使用之暫存位置用，附防漏橡膠墊片。

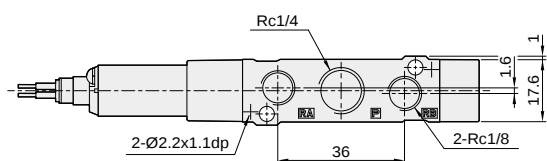
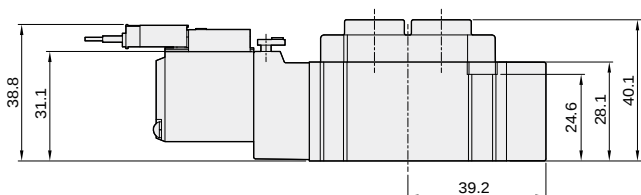
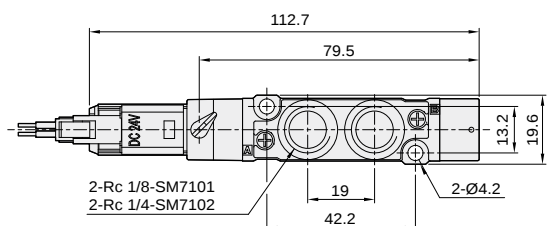
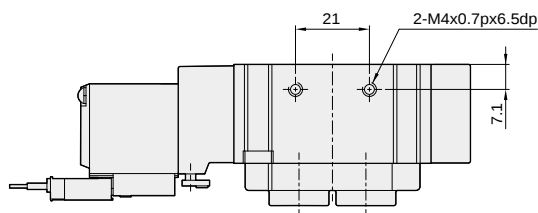
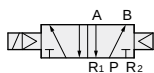
SM 系列 — 電磁閥

外觀圖形尺寸 / SM 7000 標準型

SM 7101

SM 7102

● 單線圈 五口二位置

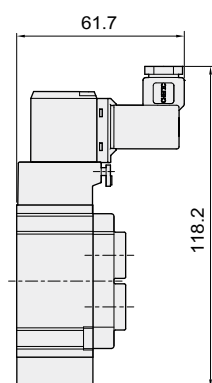
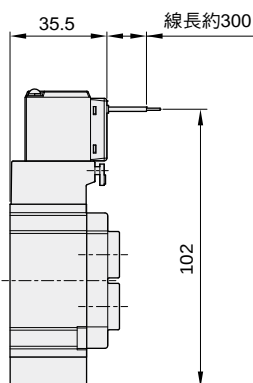
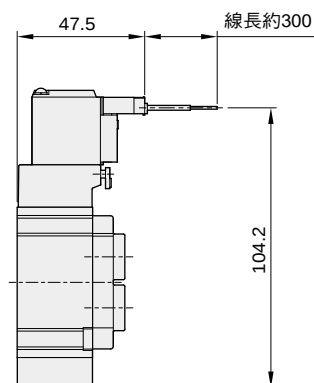
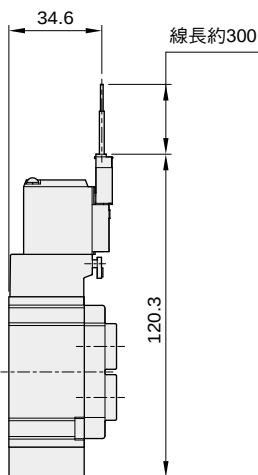


● L型接線型式 - L

● T型接線型式 - T

● W型接線型式 - W

● K型接線型式 - K



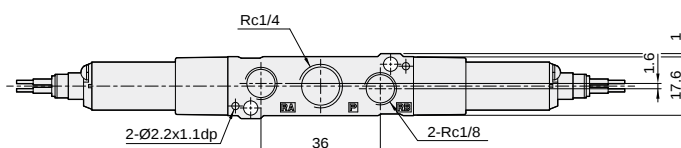
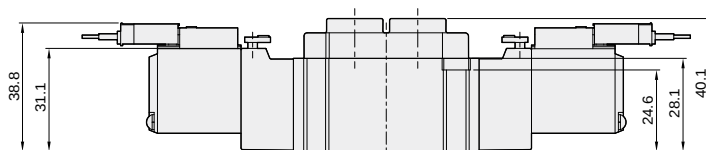
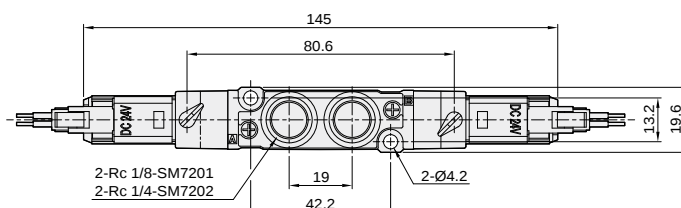
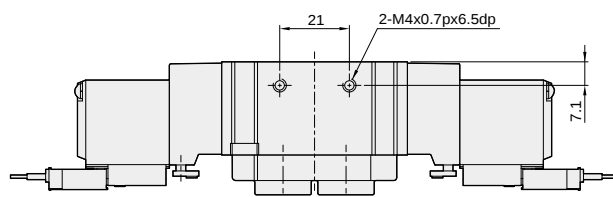
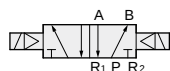
SM 系列 — 電磁閥

外觀圖形尺寸 / SM 7000 標準型

SM 7201

SM 7202

● 雙線圈 五口二位置

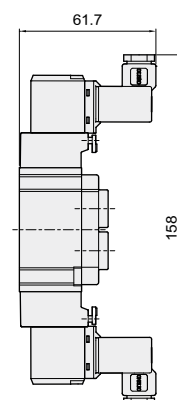
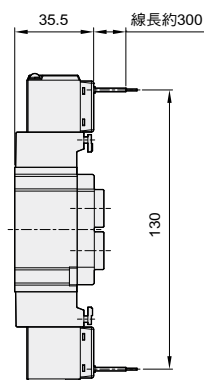
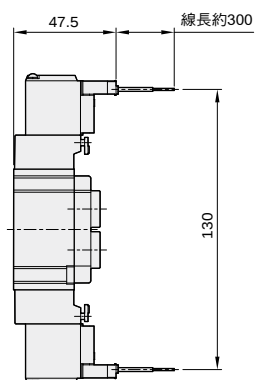
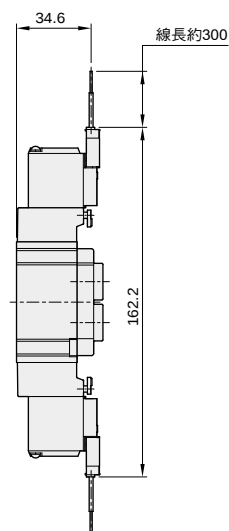


● L型接線型式 - L

● T型接線型式 - T

● W型接線型式 - W

● K型接線型式 - K



SM 系列 — 電磁閥

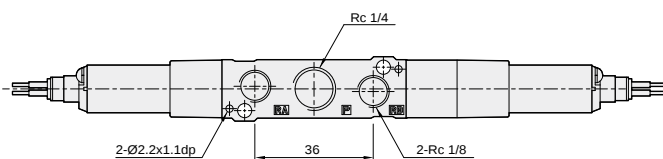
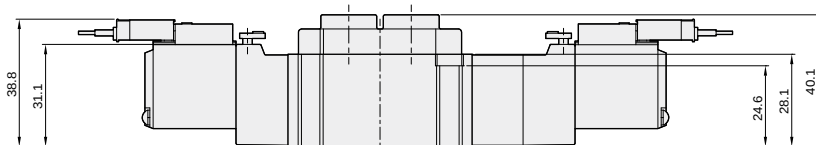
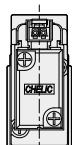
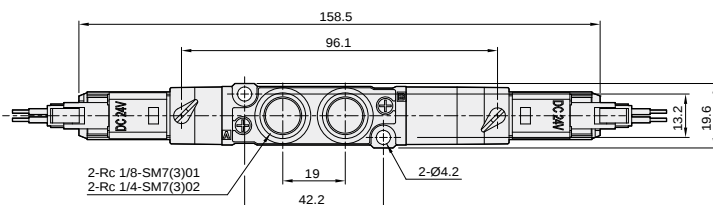
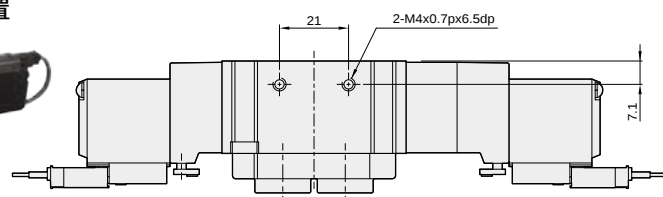
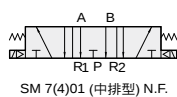
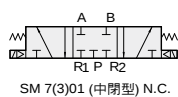
外觀圖形尺寸 / SM 7000 標準型

SM 7301, SM 7302

SM 7401, SM 7402

SM 7501, SM 7502

● 雙線圈 五口三位置

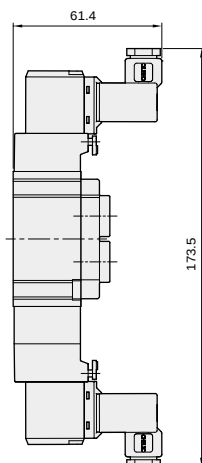
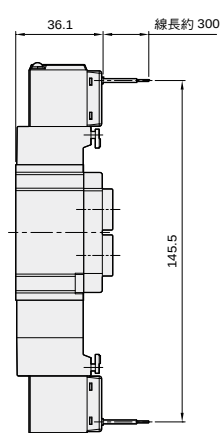
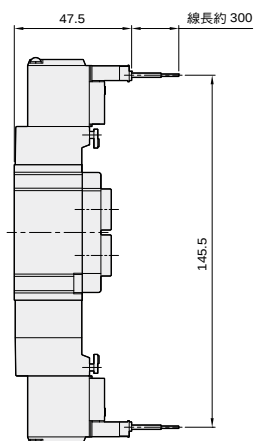
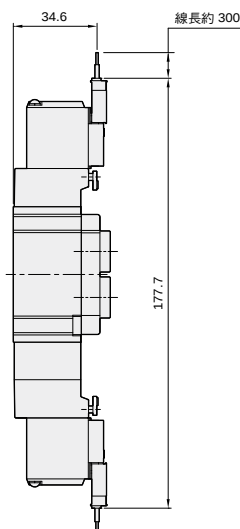


● L型接線型式 - L

● T型接線型式 - T

● W型接線型式 - W

● K型接線型式 - K



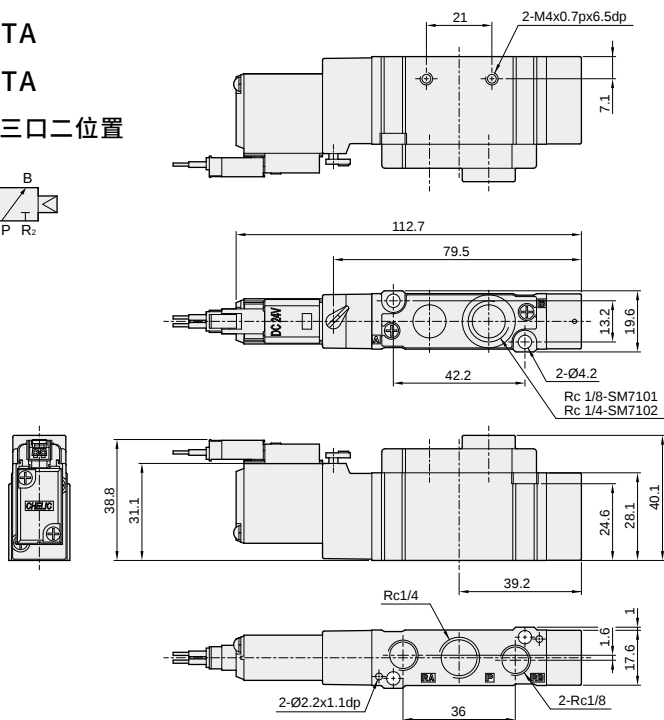
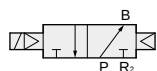
SM 系列 — 電磁閥

外觀圖形尺寸 / SM 7000 標準型

SM 7101-TA

SM 7102-TA

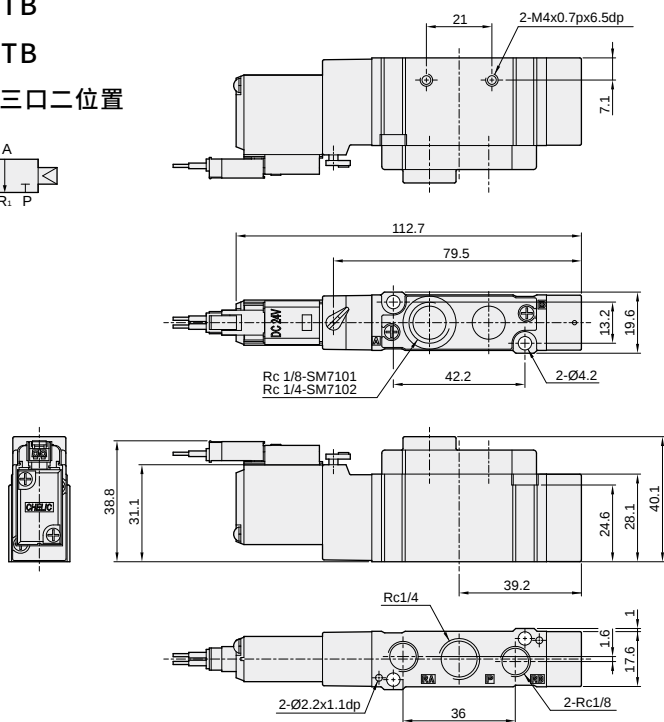
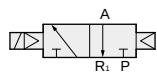
● 單線圈 三口二位置



SM 7101-TB

SM 7102-TB

● 單線圈 三口二位置



SM 系列 — 電磁閥

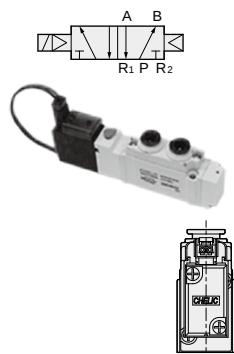
外觀圖形尺寸 / SM 7000 附接頭型式

SM 7100-C6(Ø6)

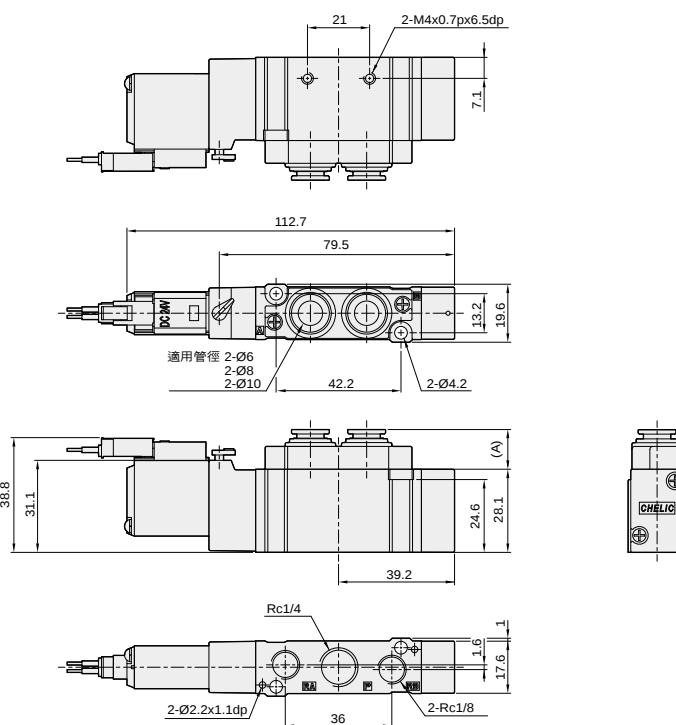
SM 7100-C8(Ø8)

SM 7100-C10(Ø10)

● 單線圈 五口二位置



規格	A
SM 7100-C6	12.9
SM 7100-C8	13.3
SM 7100-C10	18.6

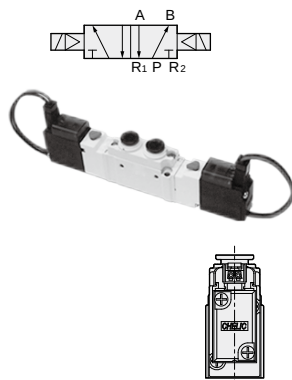


SM 7200-C6(Ø6)

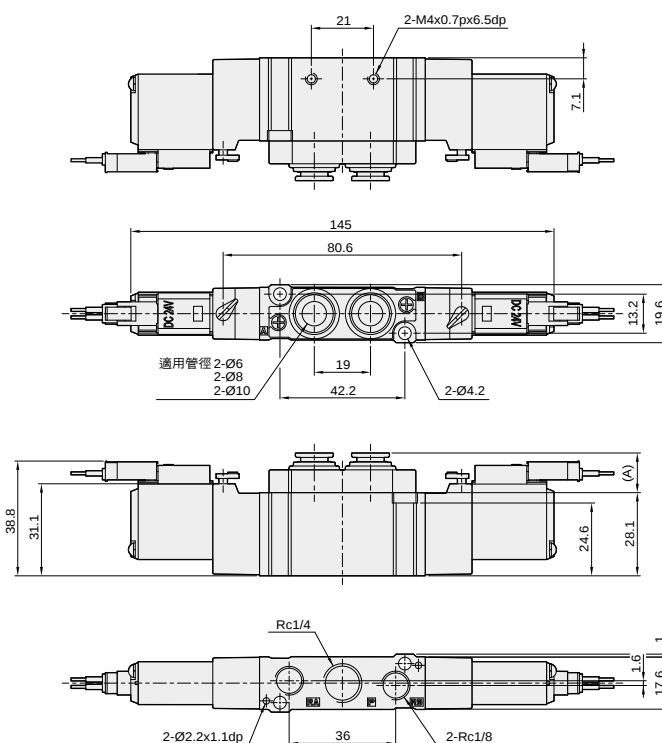
SM 7200-C8(Ø8)

SM 7200-C10(Ø10)

● 雙線圈 五口二位置



規格	A
SM 7200-C6	12.9
SM 7200-C8	13.3
SM 7200-C10	18.6



SM 系列 — 電磁閥

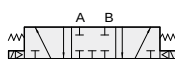
外觀圖形尺寸 / SM 7000 附接頭型式

SM 7300-C6(Ø6), C8(Ø8), C10(Ø10)

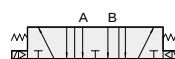
SM 7400-C6(Ø6), C8(Ø8), C10(Ø10)

SM 7500-C6(Ø6), C8(Ø8), C10(Ø10)

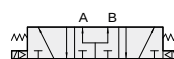
双線圈 五口三位置



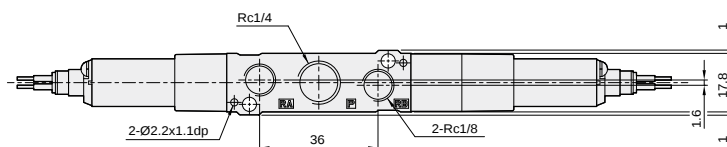
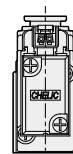
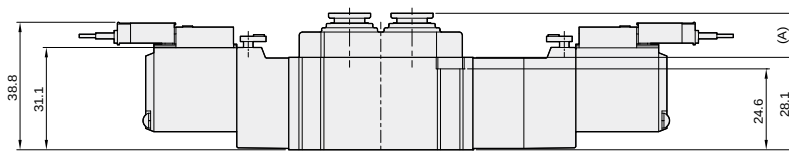
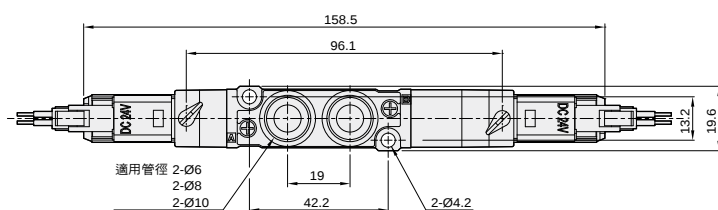
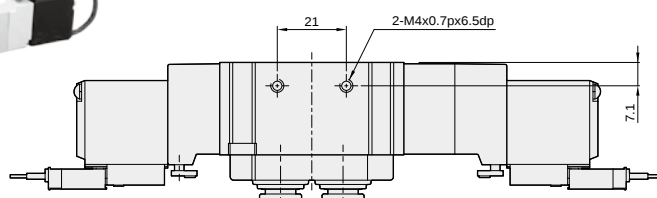
SM 7301 (中閉型) N.C.



SM 7401 (中排型) N.F.



SM 7501 (中閉型) N.O.

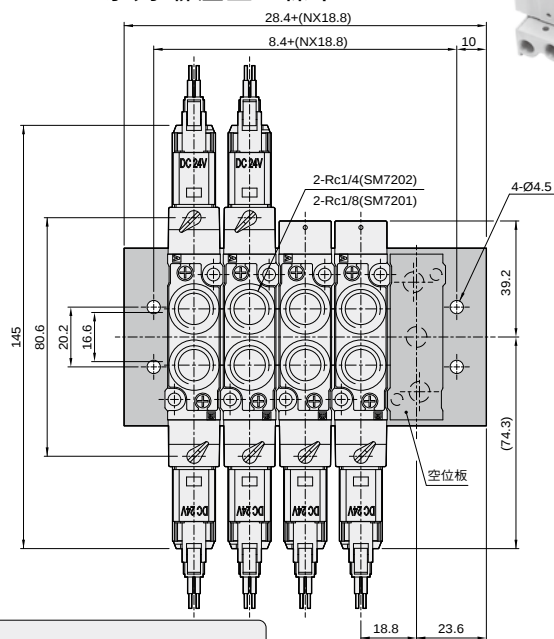


規格	A
SM 7□00-C6	12.9
SM 7□00-C8	13.3
SM 7□00-C10	18.6

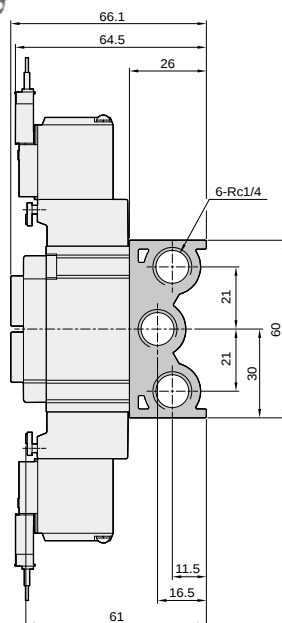
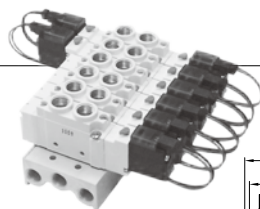
SM 系列 — 電磁閥

外觀圖形尺寸 / SM 7000 聯座型

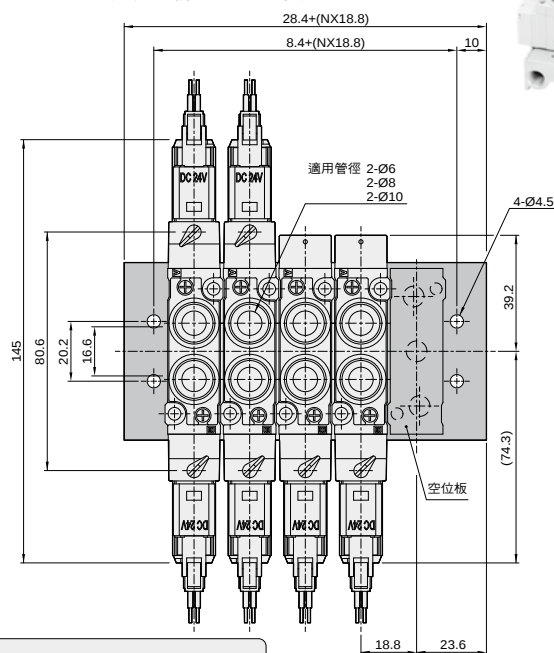
SM 7000 系列 聯座型 - 標準



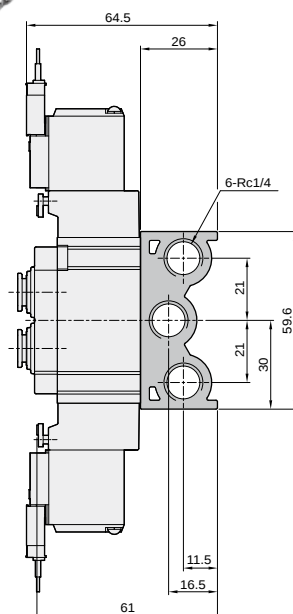
● 註:空位板為預留電磁閥使用之
暫存位置用，附防漏橡膠墊片。



SM 7000 系列 聯座型 - 附接頭



● 註:空位板為預留電磁閥使用之
暫存位置用，附防漏橡膠墊片。



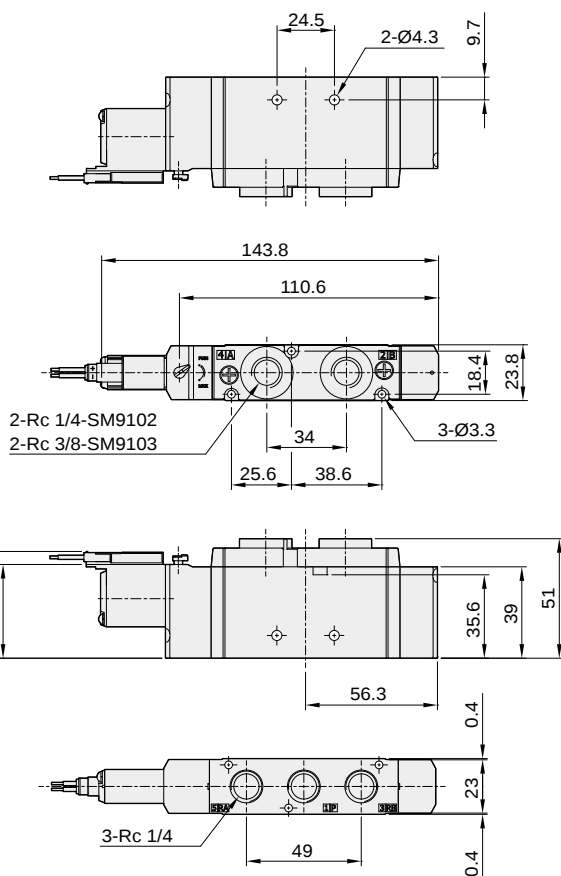
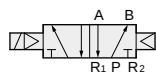
SM 系列 — 電磁閥

外觀圖形尺寸 / SM 9000 標準型

SM 9101

SM 9102

● 單線圈 五口二位置

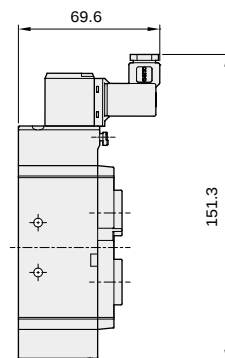
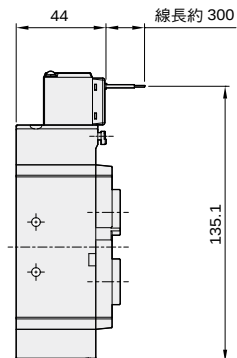
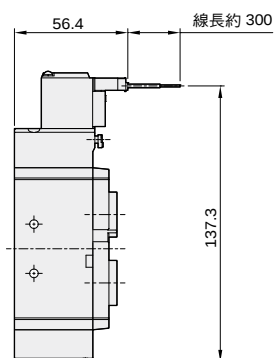
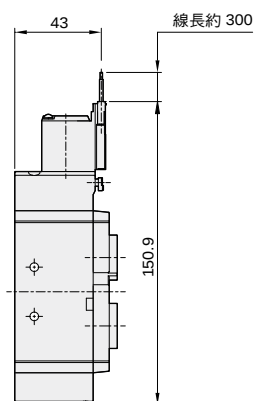


● L型接線型式 - L

● T型接線型式 - T

● W型接線型式 - W

● K型接線型式 - K



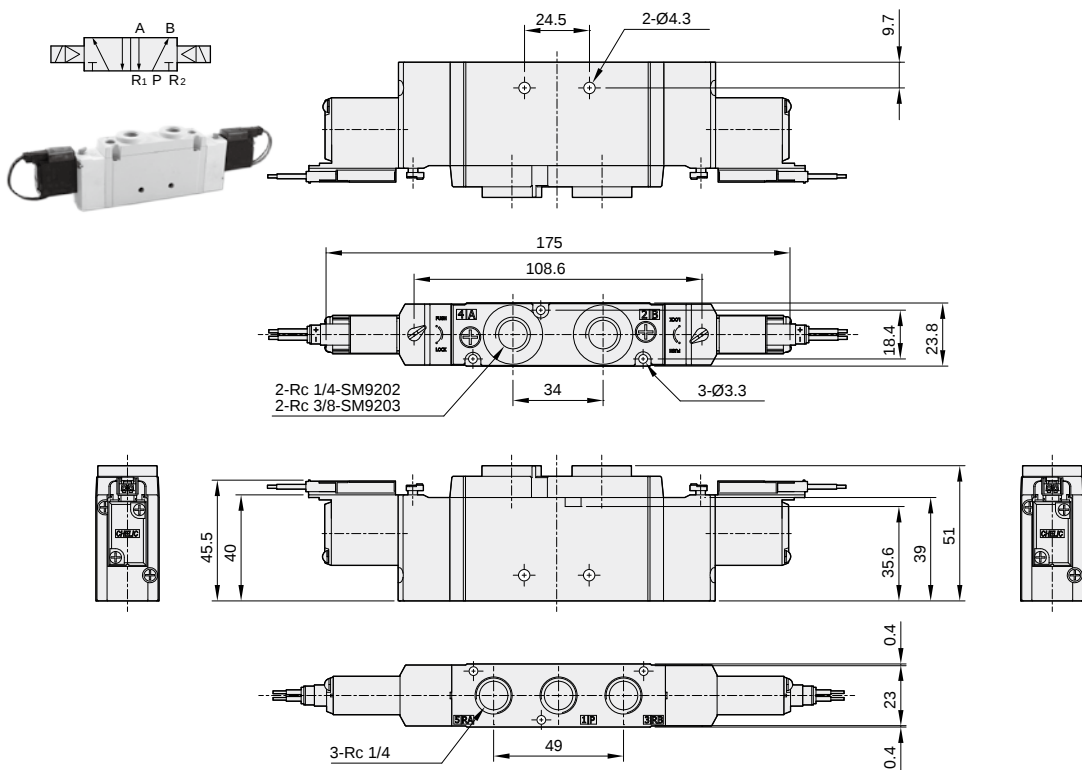
SM 系列 — 電磁閥

外觀圖形尺寸 / SM 9000 標準型

SM 9202

SM 9203

● 雙線圈 五口二位置

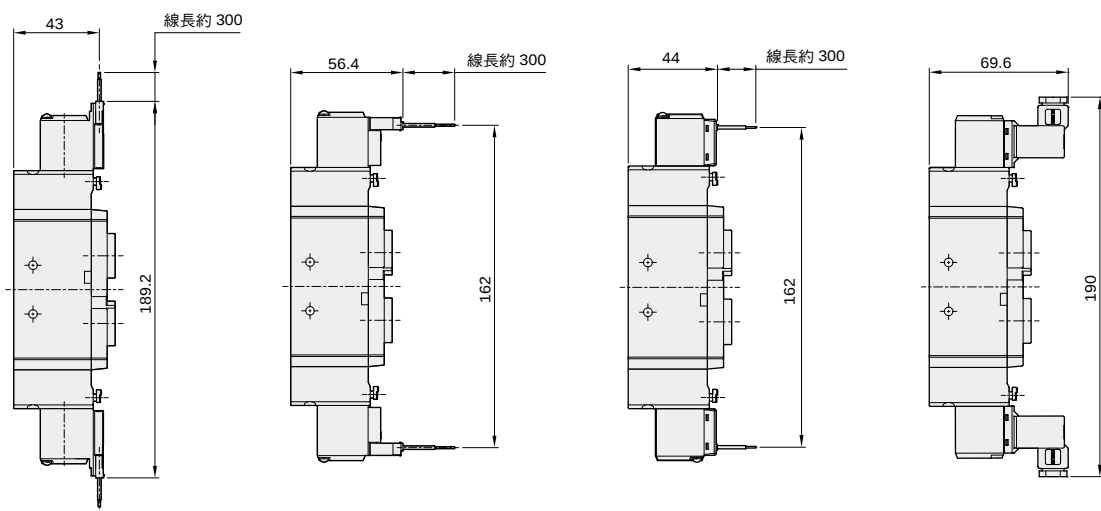


● L型接線型式 - L

● T型接線型式 - T

● W型接線型式 - W

● K型接線型式 - K



SM 系列 — 電磁閥

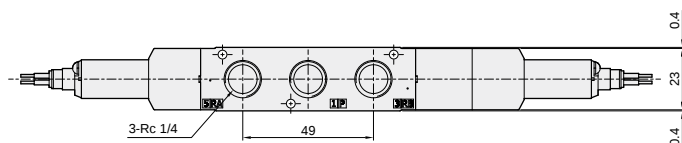
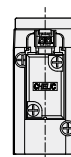
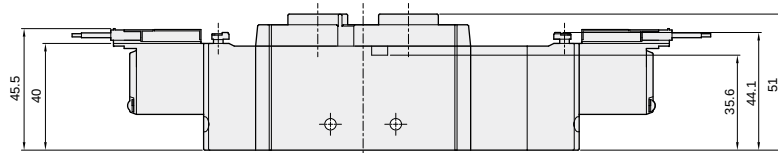
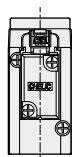
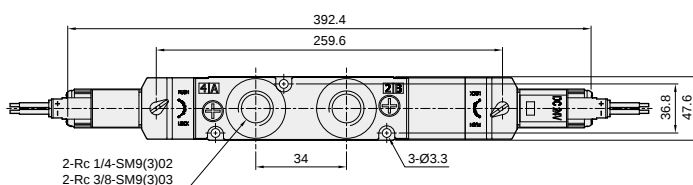
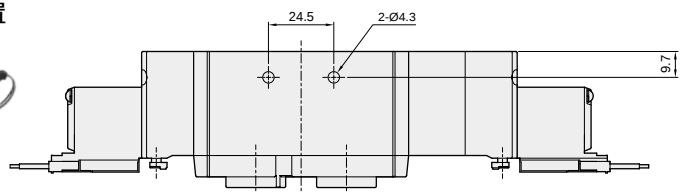
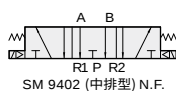
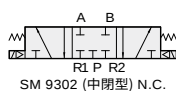
外觀圖形尺寸 / SM 9000 標準型

SM 9302, SM 9303

SM 9402, SM 9403

SM 9502, SM 9503

● 雙線圈 五口三位置

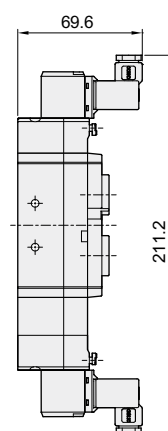
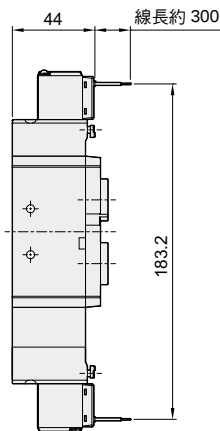
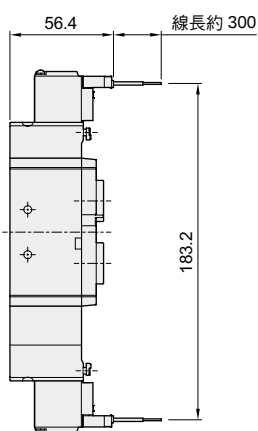
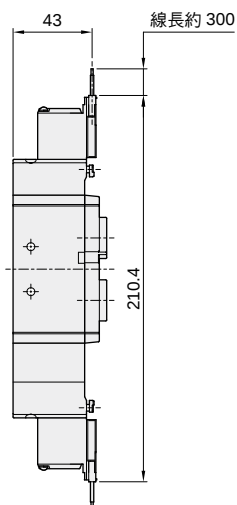


● L型接線型式 - L

● T型接線型式 - T

● W型接線型式 - W

● K型接線型式 - K



SM 系列 — 電磁閥

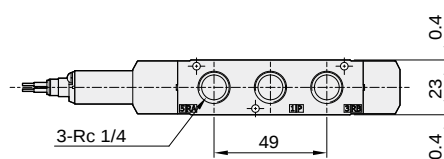
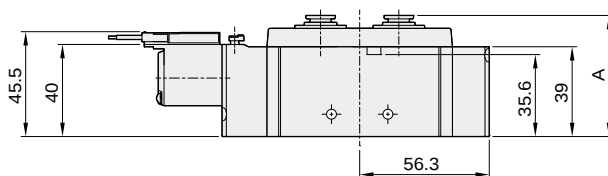
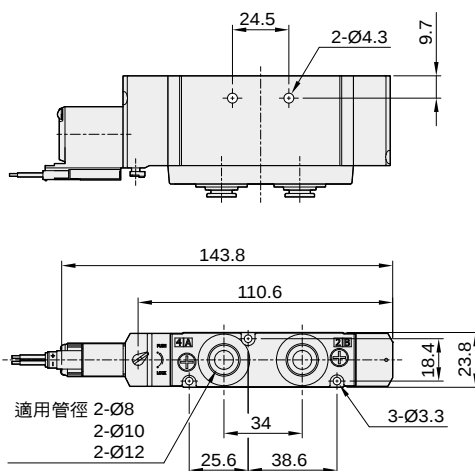
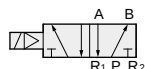
外觀圖形尺寸 / SM 9000 附接頭型式

SM 9100-C8(Ø8)

SM 9100-C10(Ø10)

SM 9100-C12(Ø12)

● 單線圈 五口二位置



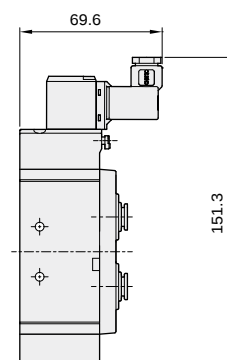
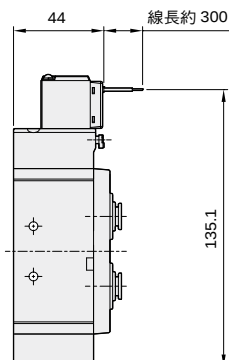
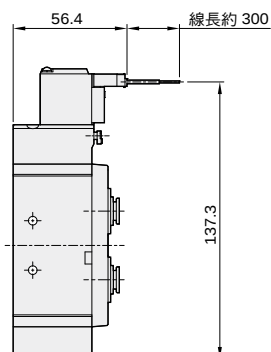
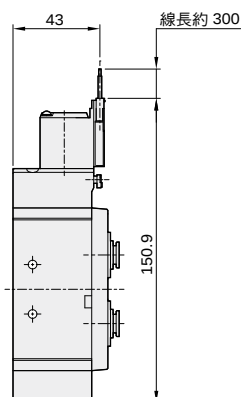
規格	A
SM 9100-C8	52.5
SM 9100-C10	57.6
SM 9100-C12	60.6

● L型接線型式 - L

● T型接線型式 - T

● W型接線型式 - W

● K型接線型式 - K



SM 系列 — 電磁閥

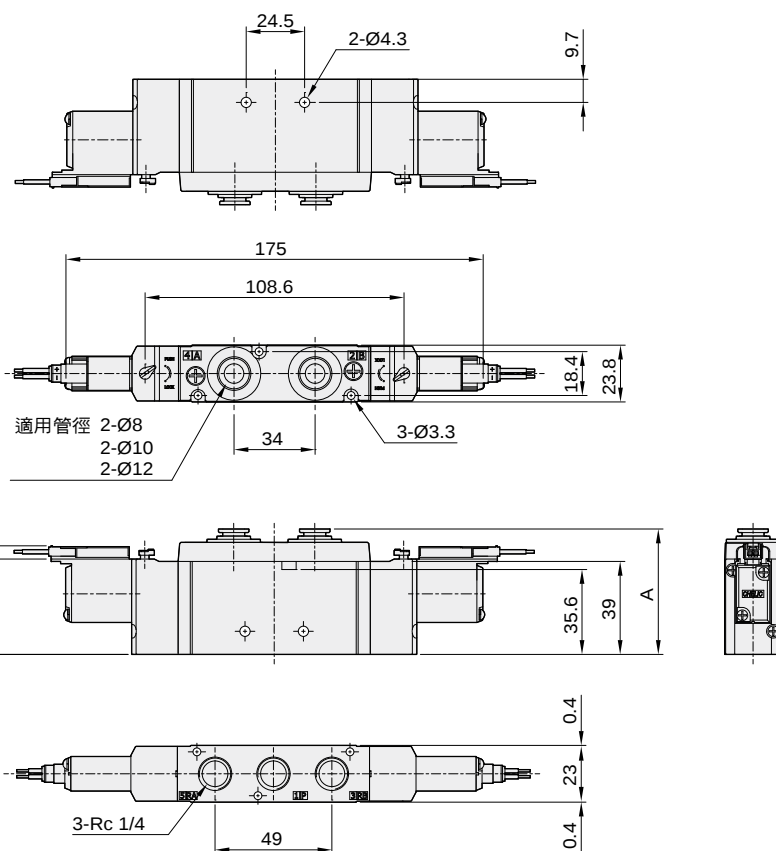
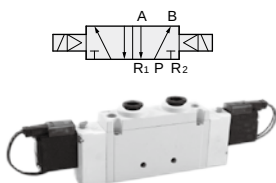
外觀圖形尺寸 / SM 9000 附接頭型式

SM 9200-C8(Ø8)

SM 9200-C10(Ø10)

SM 9200-C12(Ø12)

● 雙線圈 五口二位置



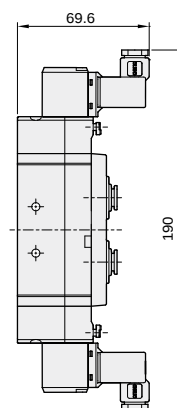
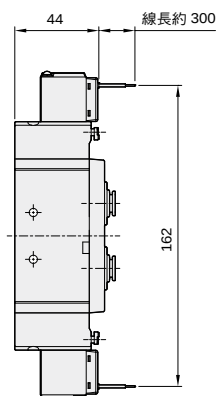
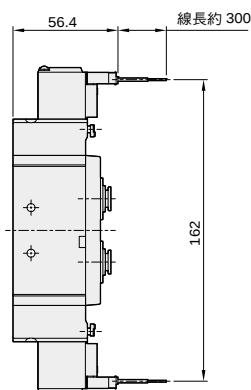
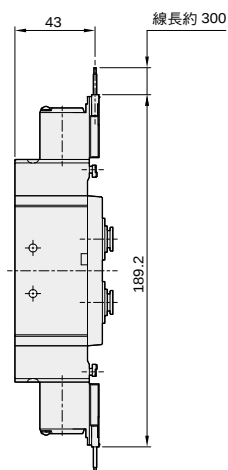
規格	A
SM 9200-C8	52.5
SM 9200-C10	57.6
SM 9200-C12	60.6

● L型接線型式 - L

● T型接線型式 - T

● W型接線型式 - W

● K型接線型式 - K



SM 系列 — 電磁閥

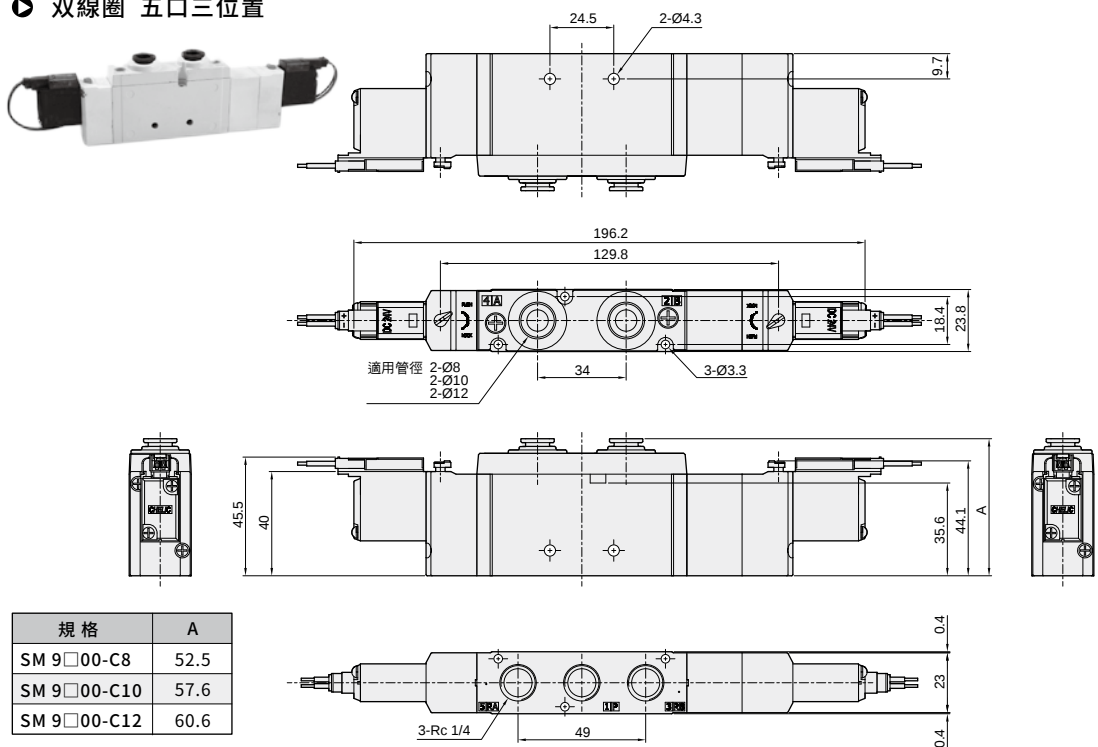
外觀圖形尺寸 / SM 9000 附接頭型式

SM 9300-C8(Ø8), C10(Ø10), C12(Ø12)

SM 9400-C8(Ø8), C10(Ø10), C12(Ø12)

SM 9500-C8(Ø8), C10(Ø10), C12(Ø12)

● 雙線圈 五口三位置

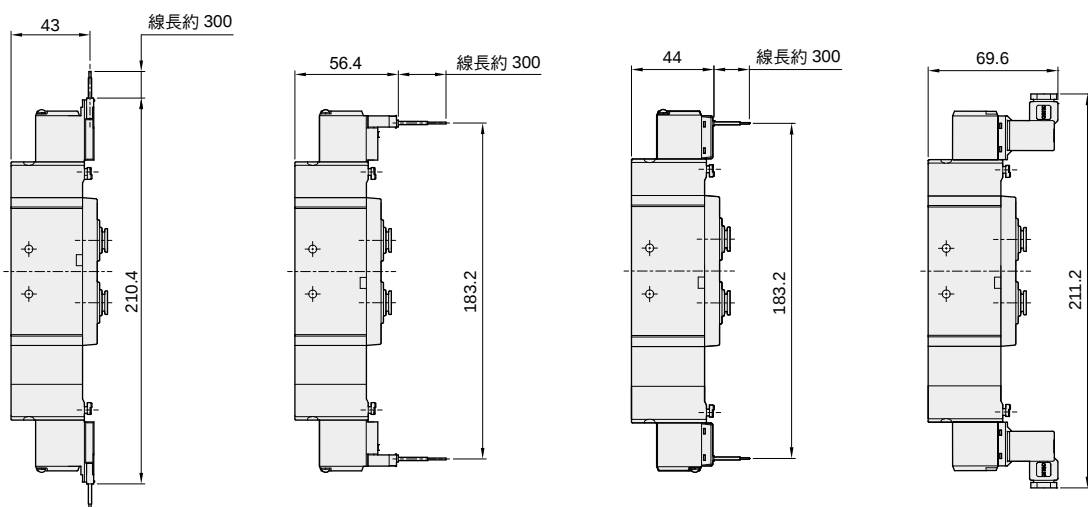


● L型接線型式 - L

● T型接線型式 - T

● W型接線型式 - W

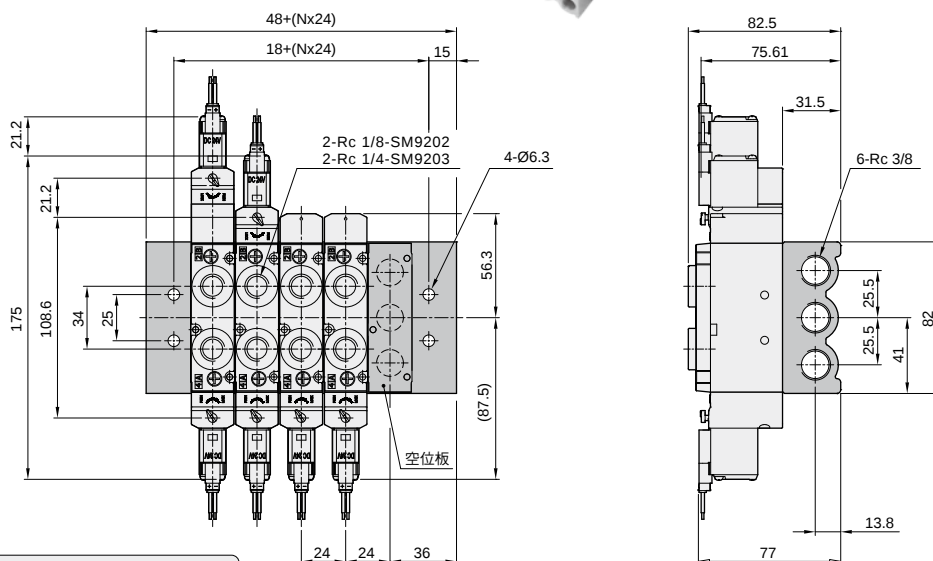
● K型接線型式 - K



SM 系列 — 電磁閥

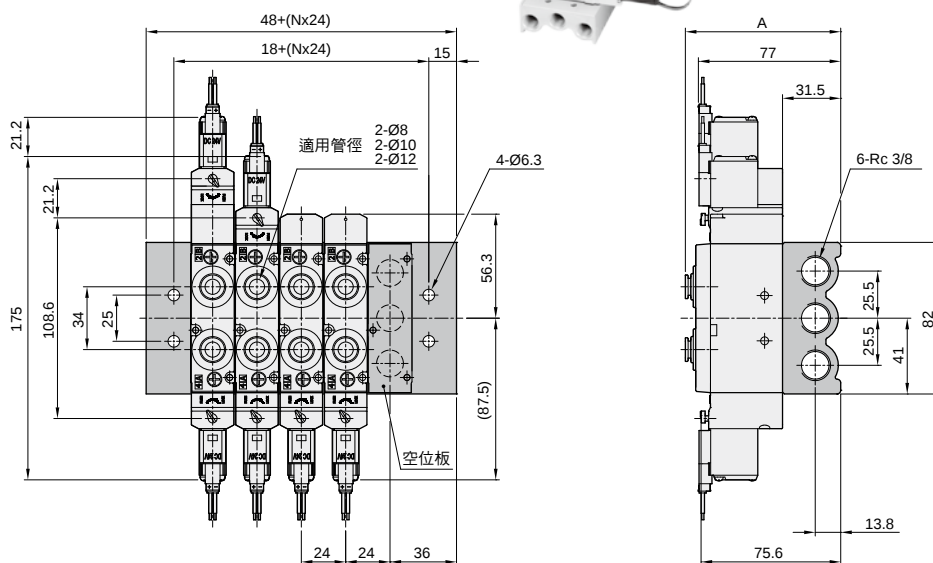
外觀圖形尺寸 / SM 9000 聯座型

SM 9000 系列 聯座型 - 標準



● 註:空位板為預留電磁閥使用之暫存位置用, 附防漏橡膠墊片。

SM 9000 系列 聯座型 - 附接頭



● 註:空位板為預留電磁閥使用之暫存位置用, 附防漏橡膠墊片。

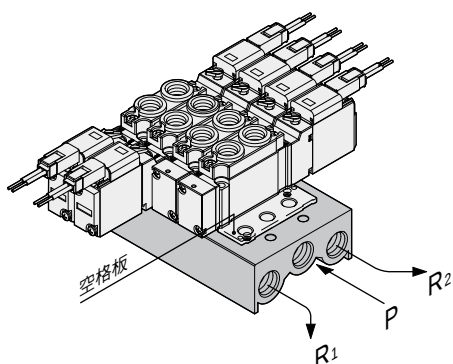
規格	A
SM 9102-C8	84
SM 9102-C10	89.1
SM 9102-C12	92.1

SM 系列 — 電磁閥

附屬零件與裝置

聯座組裝仕様

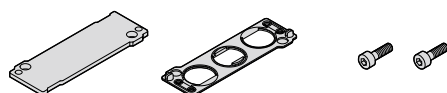
● SM 5000, 7000, 9000 系列



聯座附屬配件

● SM 5000, 7000, 9000 系列

※空格板附屬配件。

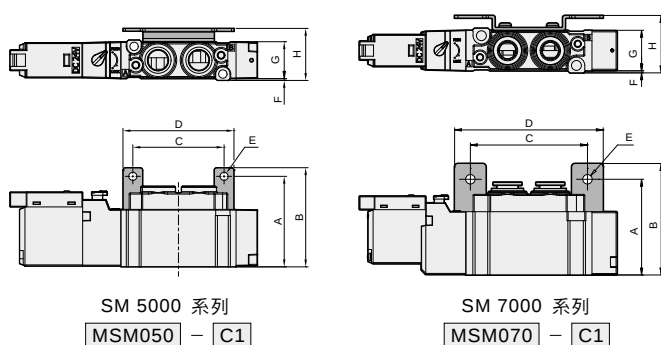


	空格板	墊片	固定螺絲
SM 5000 系列	MSM05041	MSM05039	M3X8L MSM05040
SM 7000 系列	MSM07041	MSM07039	M4X8L MSM07040
SM 9000 系列	MSM09041	MSM09039	M3X8L MSM09040

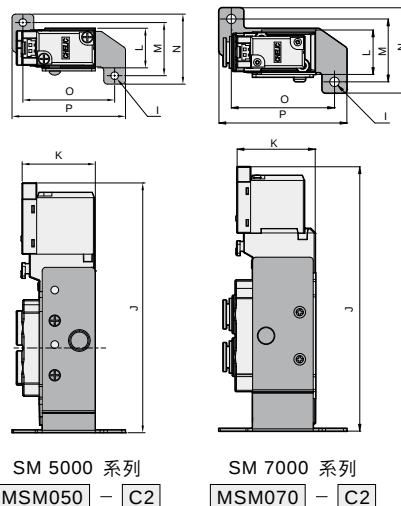
固定架組裝仕様

● SM 5000, 7000 系列

● 側面固定架形式 - C1



● 垂直固定架形式 - C2



規格	尺寸	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
SM 5000		36.7	40.2	37	45	Ø3.3	0.7	15	21.1	Ø3.3	103.5	30.3	16.4	22	29	38	47
SM 7000		42.5	49.5	52	66	Ø4.3	0.9	18	25.5	Ø4.3	117.8	35	19.8	28	38	46	57

指示燈

● 本系列產品，皆附指示燈及突波電壓保護裝置。

