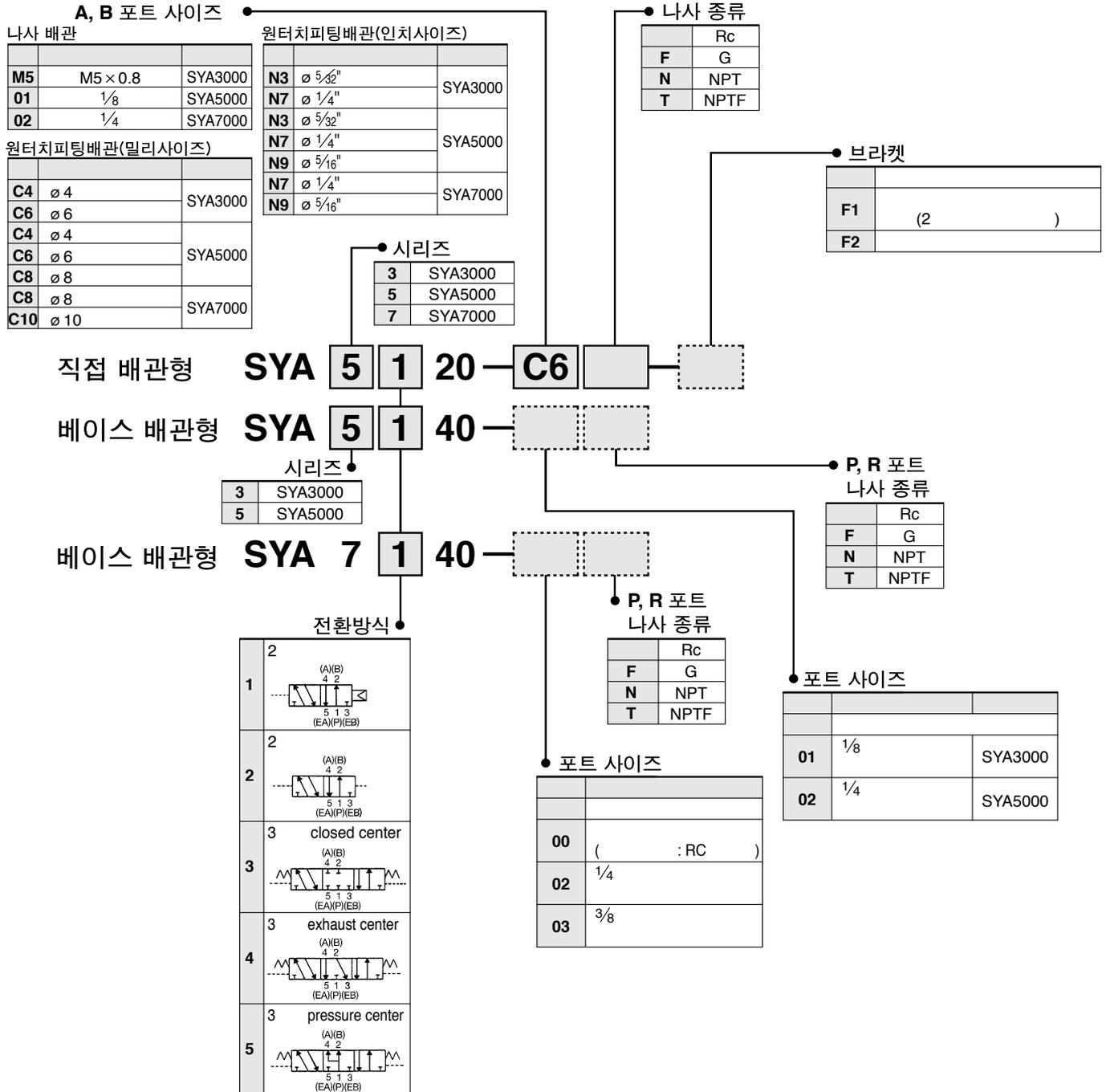


5포트 에어 오퍼레이트 밸브 SYA3000/5000/7000

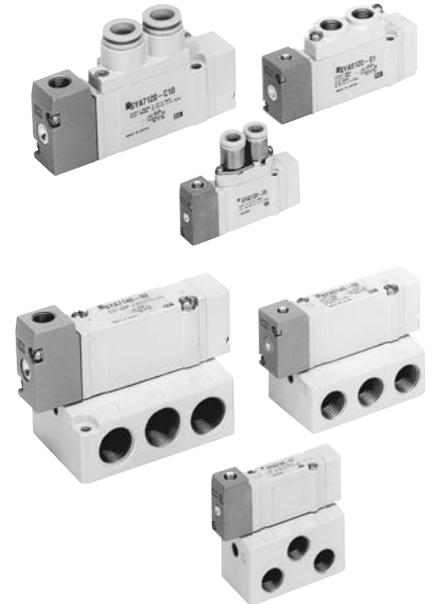
형식표시방법



사양

MPa	2	0.15 ~ 0.7
	2	0.1 ~ 0.7
	3	0.2 ~ 0.7
MPa	1) 2	(0.7 × P + 0.1) ~ 0.7P:
	2	0.1 ~ 0.7
	3	0.2 ~ 0.7
()		60
()		Non-lock push
/ (m/s ²) ²⁾		150/30

1) {1(P)}
 2) : ON OFF
 : 45~2000Hz. 1 , .() ON OFF
 : .()



⚠ 주의

안전상의 주의, 공통 주의사항은 후문 P.1~15을 확인하십시오.

매니폴드 베이스 형식표시방법

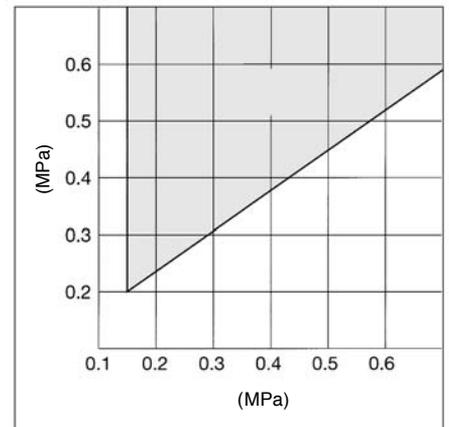
SY (20, 41, 42, 45 Type) 가

SS5YA³₅ - SS5Y³₅

< >
 SS5YA5-42-03-02□ 1 set (42 Type, 3)
 * SYA5140□ 1 set ()
 * SYA5240□ 1 set ()
 * SY5000-26-2A□ 1 set (Ass'y.)

가
 (P.56)

파일럿 압력 범위
(싱글 파일럿의 경우)



SYA3000/5000/7000

유량특성/질량표

형식/ SYA3 20 Series (직접 배관형)

			P, EA, EB	A, B	1) 4/2 (P A/B)						(g)	
					4/2 (P A/B)			4/2 5/3 (A/B EA/EB)				
					C (dm ³ /(s·bar))	b	Cv	C (dm ³ /(s·bar))	b	Cv		
SYA3 20-M5	2		M5 x 0.8	M5 x 0.8	M5 x 0.8	0.61	0.44	0.16	0.64	0.45	0.18	35
						0.48	0.46	0.13	0.47	0.43	0.13	37
	3	Closed center				0.47	0.42	0.13	0.47 (0.44)	0.41 (0.37)	0.13 (0.12)	39
						Pressure center	0.50 (0.41)	0.48 (0.35)	0.15 (0.11)	0.47	0.43	
SYA3 20-C4	2		M5 x 0.8	M5 x 0.8	C4 ø 4	0.72	0.29	0.18	0.64	0.34	0.17	44
						0.59	0.28	0.15	0.59	0.30	0.15	46
	3	Closed center				0.63	0.35	0.16	0.42 (0.41)	0.34 (0.37)	0.11 (0.11)	48
						Pressure center	0.76 (0.46)	0.42 (0.34)	0.21 (0.12)	0.59	0.29	
SYA3 20-C6	2		M5 x 0.8	M5 x 0.8	C6 ø 6	0.76	0.30	0.19	0.65	0.39	0.17	40
						0.76	0.55	0.24	0.60	0.33	0.16	42
	3	Closed center				0.65	0.32	0.16	0.64(0.42)	0.31 (0.36)	0.17 (0.11)	44
						Pressure center	0.77 (0.49)	0.34 (0.43)	0.21 (0.15)	0.61	0.34	



) [] Normal

형식/ SYA3 40 Series (베이스 배관형)

					1)						2) (g)
					4/2 (P A/B)			4/2 5/3 (A/B EA/EB)			
					C (dm ³ /(s·bar))	b	Cv	C (dm ³ /(s·bar))	b	Cv	
SYA3 40-01	2		M5 x 0.8	1/8	1.0	0.30	0.24	1.1	0.30	0.26	69 (34)
					0.77	0.28	0.18	0.85	0.30	0.19	71 (36)
	3	Closed center			0.73	0.31	0.18	1.1 (0.55)	0.26 (0.52)	0.24 (0.16)	73 (38)
					Pressure center	1.2 (0.51)	0.24 (0.45)	0.29 (0.14)	0.89	0.47	



1) [] Normal
2) ()

유량특성/질량표

형식/ SYA5 420 Series (직접 배관형)

			P, EA, EB	A, B	1 4/2 (P A/B)			4/2 5/3 (A/B EA/EB)			(g)	
					C [dm³/(s · bar)]	b	Cv	C [dm³/(s · bar)]	b	Cv		
SYA5 20-01	2		M5 x 0.8	1/8	Rc 1/8	1.9	0.35	0.49	2.4	0.39	0.61	58
						2.2 [0.91]	0.46 [0.58]	0.61 [0.28]	1.8	0.38	0.46	64
	3	Closed center Exhaust center Pressure center				1.7	0.43	0.45	1.8	0.35	0.46	69
						1.5	0.44	0.41	2.5 [1.5]	0.32 [0.43]	0.59 [0.40]	
SYA5 20-C4	2		M5 x 0.8	1/8	C4 ø 4	0.75	0.43	0.20	0.85	0.64	0.30	82
						0.74	0.40	0.19	0.84	0.57	0.28	87
	3	Closed center Exhaust center Pressure center				0.75	0.36	0.19	0.84 [0.84]	0.64 [0.53]	0.30 [0.27]	93
						0.78 [0.71]	0.44 [0.37]	0.21 [0.18]	0.84	0.57	0.27	
SYA5 20-C6	2		M5 x 0.8	1/8	C6 ø 6	1.5	0.33	0.33	2.0	0.37	0.52	76
						1.3	0.31	0.33	1.6	0.32	0.39	82
	3	Closed center Exhaust center Pressure center				1.3	0.33	0.33	1.8 [1.4]	0.35 [0.37]	0.44 [0.35]	87
						1.7 [0.80]	0.31 [0.47]	0.42 [0.23]	1.7	0.33	0.44	
SYA5 20-C8	2		M5 x 0.8	1/8	C8 ø 8	1.9	0.21	0.45	2.3	0.29	0.57	68
						1.6	0.29	0.39	1.7	0.38	0.46	74
	3	Closed center Exhaust center Pressure center				1.4	0.38	0.39	2.0 [1.5]	0.37 [0.40]	0.52 [0.43]	79
						2.2 [1.6]	0.32 [0.44]	0.56 [0.44]	1.8	0.41	0.50	

1) [] Normal

형식/ SYA5 40 Series (베이스 배관형)

			P, EA, EB	A, B	1 4/2 (P A/B)			4/2 5/3 (A/B EA/EB)			(g)
					C [dm³/(s · bar)]	b	Cv	C [dm³/(s · bar)]	b	Cv	
SYA5 40-02	2		M5 x 0.8	1/4	2.4	0.41	0.64	2.8	0.29	0.66	105 (42)
					1.8	0.47	0.50	1.8	0.40	0.47	110 (47)
	3	Closed center Exhaust center Pressure center			1.4	0.55	0.44	3.0 [1.2]	0.33 [0.48]	0.72 [0.37]	115 (52)
					3.3 [0.84]	0.36 [0.60]	0.85 [0.28]	1.8	0.40	0.48	

1) [] Normal
2) ()

형식/ SYA7 20 Series (직접 배관형)

			P, EA, EB	A, B	1 4/2 (P A/B)			4/2 5/3 (A/B EA/EB)			(g)	
					C [dm³/(s · bar)]	b	Cv	C [dm³/(s · bar)]	b	Cv		
SYA7 20-02	2		P	1/4	4.1	0.23	0.93	3.3	0.33	0.81	132	
					2.9	0.31	0.70	2.4	0.38	0.63	177	
	3	Closed center Exhaust center Pressure center			2.5	0.39	0.65	3.4 [2.1]	0.35 [0.38]	0.82 [0.54]	186	
					4.3 [2.4]	0.23 [0.32]	0.97 [0.61]	2.2	0.39	0.58		
SYA7 20-C8	2		EA, EB	1/8	C8 ø 8	3.2	0.26	0.77	3.2	0.37	0.82	138
						2.6	0.24	0.63	2.4	0.31	0.62	183
	3	Closed center Exhaust center Pressure center				2.4	0.25	0.57	2.6 [1.9]	0.42 [0.46]	0.70 [0.56]	192
						3.3 [2.4]	0.28 [0.22]	0.78 [0.57]	2.2	0.34	0.60	
SYA7 20-C10	2		EA, EB	1/8	C10 ø 10	3.8	0.26	0.86	3.2	0.34	0.82	135
						2.8	0.27	0.67	2.4	0.21	0.59	180
	3	Closed center Exhaust center Pressure center				2.5	0.25	0.59	2.7 [2.0]	0.38 [0.38]	0.70 [0.56]	189
						3.8 [2.4]	0.25 [0.31]	0.89 [0.61]	2.3	0.38	0.61	

1) [] Normal

형식/ SYA7 40 Series (베이스 배관형)

			P, EA, EB	A, B	1 4/2 (P A/B)			4/2 5/3 (A/B EA/EB)			(g)
					C [dm³/(s · bar)]	b	Cv	C [dm³/(s · bar)]	b	Cv	
SYA7 40-02	2		1/8	1/4	4.1	0.41	1.1	4.1	0.29	1.0	240 (111)
					3.0	0.43	0.80	2.6	0.41	0.72	286 (157)
	3	Closed center Exhaust center Pressure center			2.6	0.42	0.71	4.7 [1.7]	0.35 [0.48]	1.1 [0.49]	294 (165)
					5.3 [2.3]	0.39 [0.49]	1.3 [0.65]	2.2	0.49	0.63	
SYA7 40-03	2		1/8	3/8	4.9	0.29	1.2	4.5	0.27	1.1	240 (111)
					3.0	0.40	0.80	2.6	0.45	0.73	286 (157)
	3	Closed center Exhaust center Pressure center			7.2	0.34	1.7	13 [4.0]	0.23 [0.41]	2.8 [0.95]	294 (165)
					5.3 [2.3]	0.31 [0.51]	1.3 [0.64]	2.3	0.45	0.66	

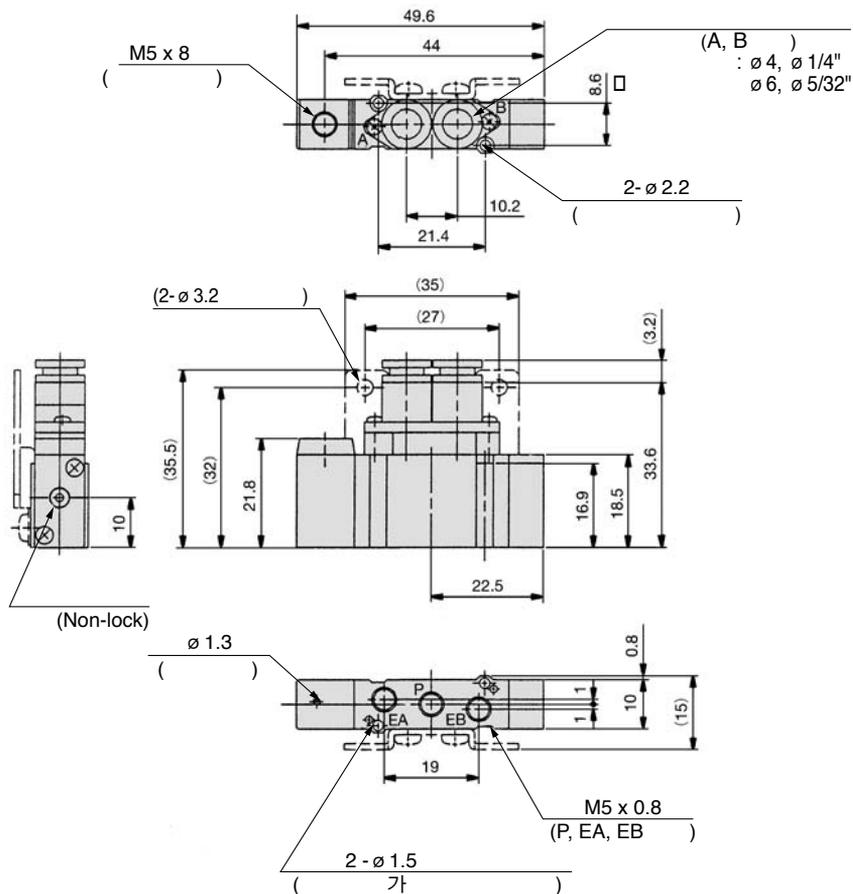
1) [] Normal
2) ()

SYA3000/5000/7000

SYA3000 Series: 직접 배관형 외형치수도

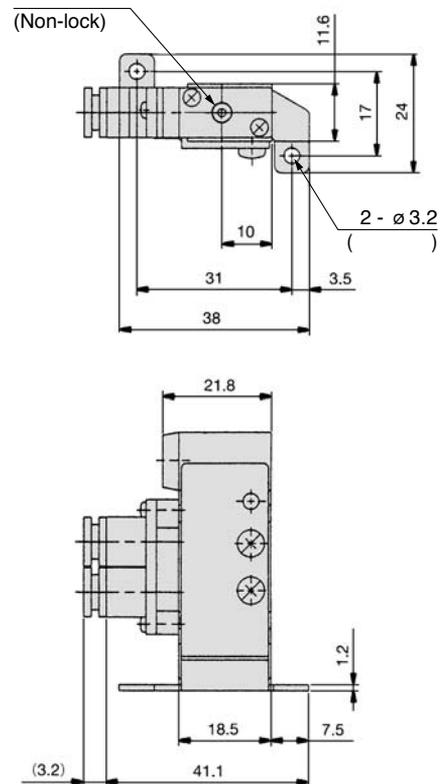
2위치 싱글

SYA3120-^{C4, N3}_{C6, N7}(-F2)

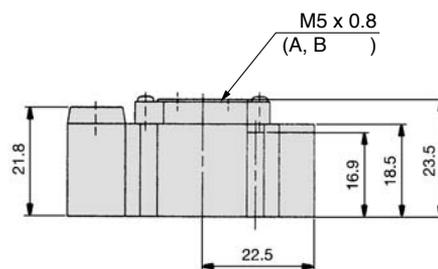


푸트 브라켓 부착의 경우

SYA3120-^{C4, N3}_{C6, N7}-F1



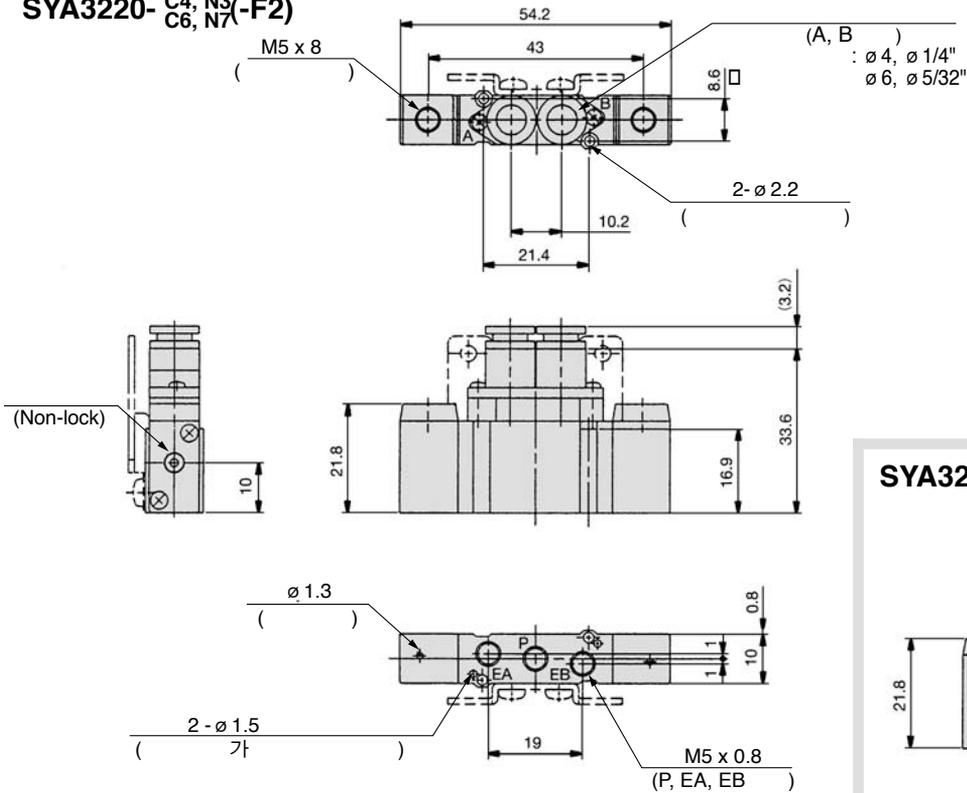
SYA3120-M5



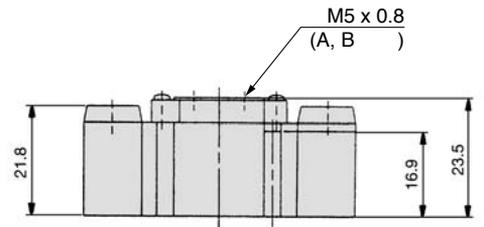
SYA3000 Series: 직접 배관형 외형치수도

2위치 더블

SYA3220- C4, N3(-F2)
C6, N7

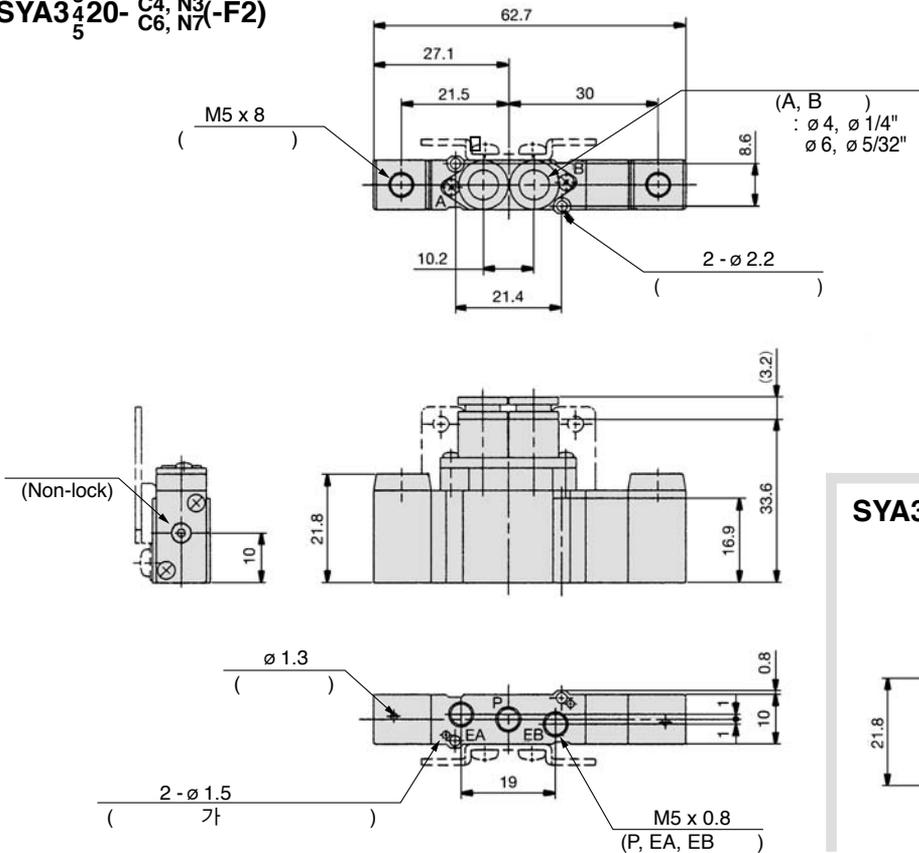


SYA3220-M5

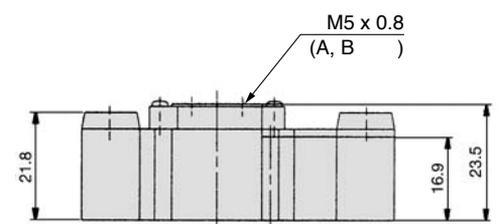


3위치 Closed center / Exhaust center / Pressure center

SYA3³/₄20- C4, N3(-F2)
C6, N7



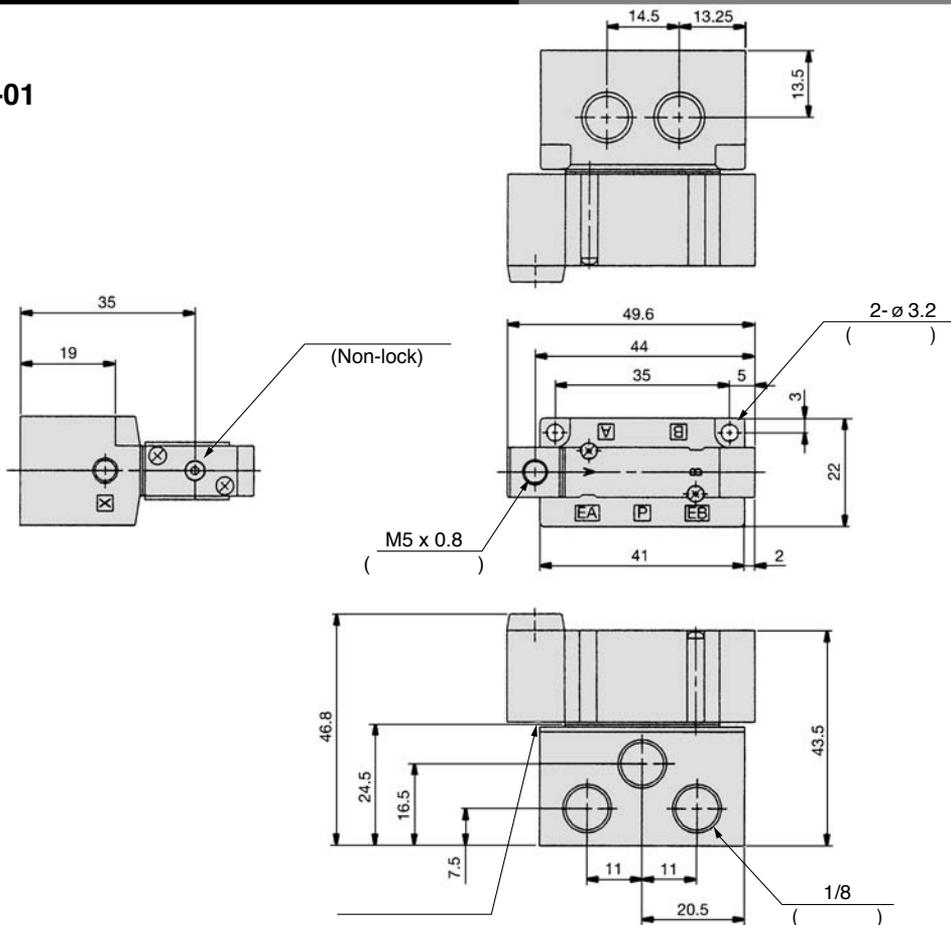
SYA3³/₄20-M5



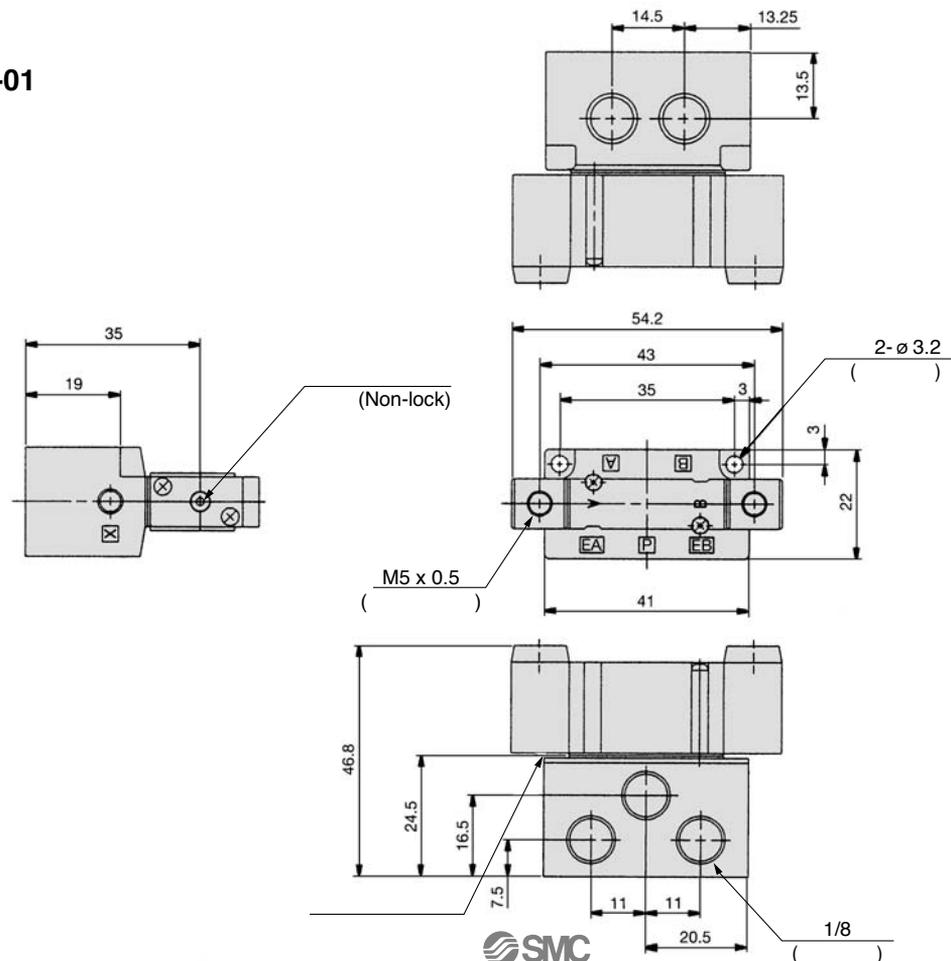
SYA3000/5000/7000

SYA3000 Series: 베이스 배관형 외형치수도

2위치 싱글
SYA3140-01



2위치 더블
SYA3240-01

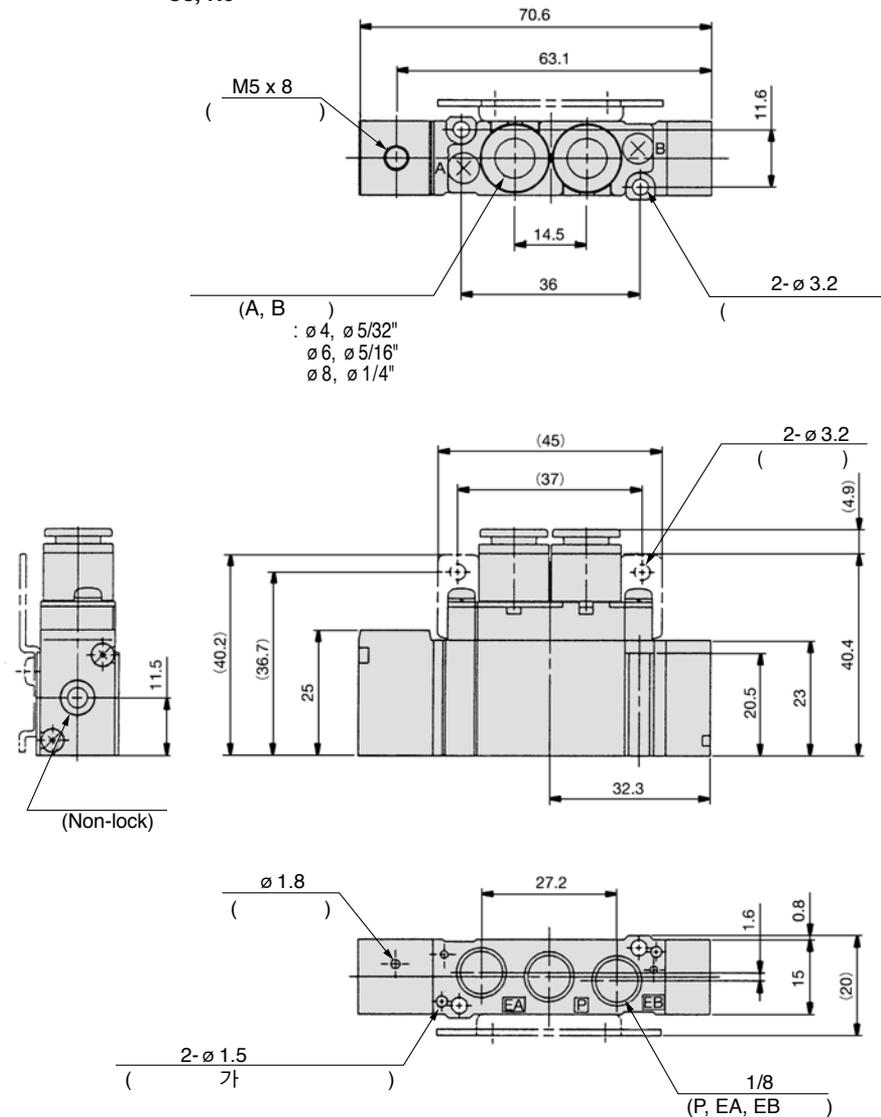


SYA3000/5000/7000

SYA5000 Series: 직접 배관형 외형치수도

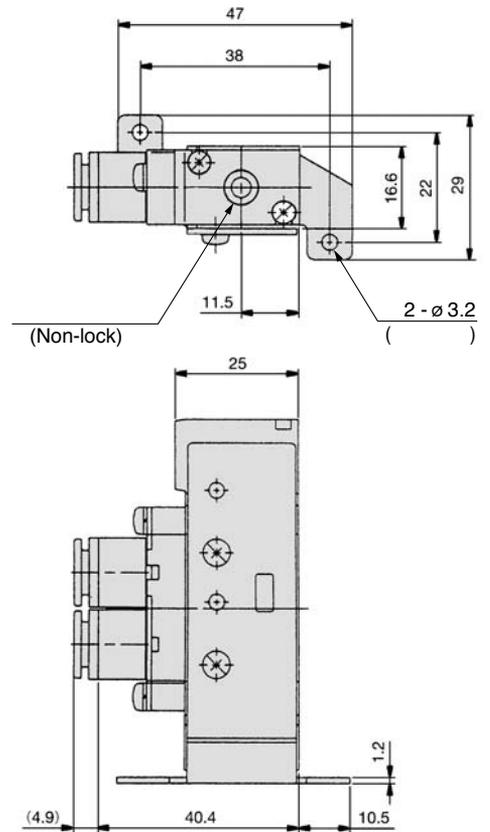
2위치 싱글

SYA5120-C4, N3
C6, N7 (-F2)
C8, N9

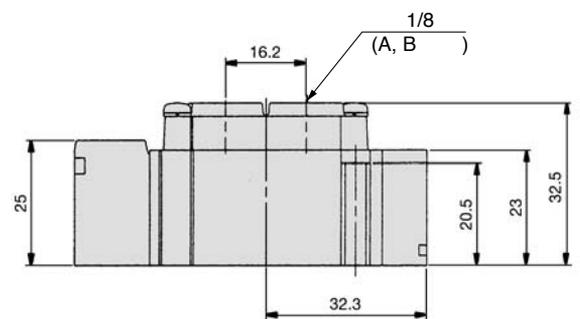


푸트 브라켓 부착

SYA5120-C4, N3
C6, N7 (-F1)
C8, N9



SYA5120-01

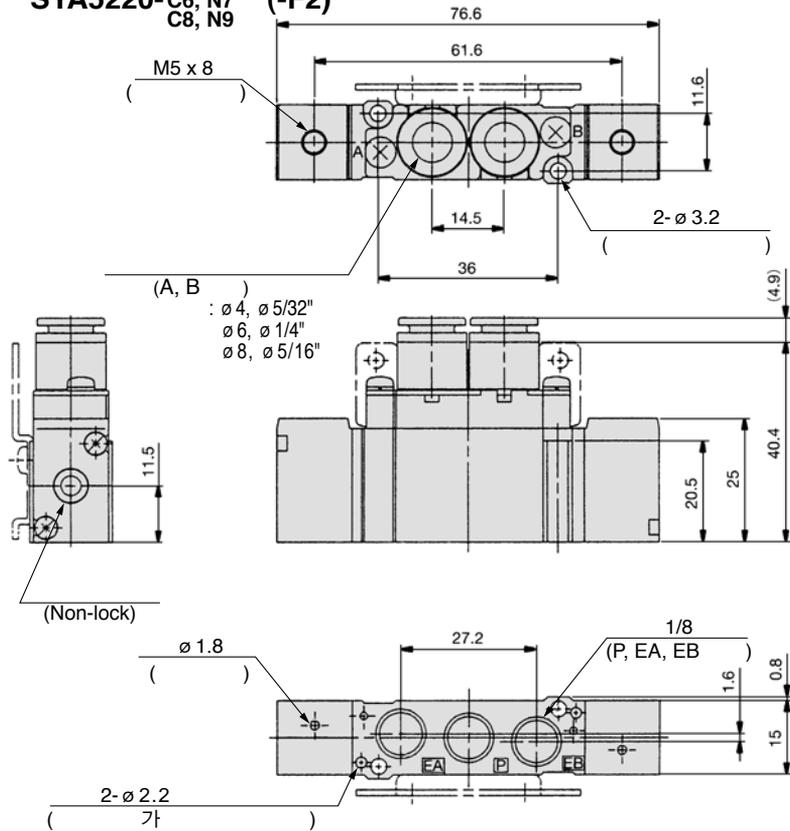


SYA5000 Series: 직접 배관형 외형치수도

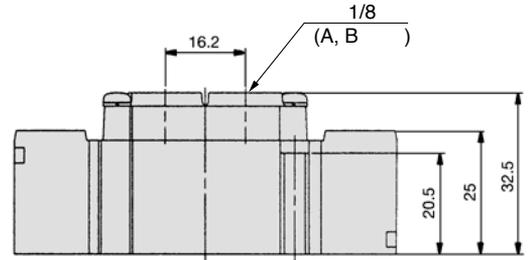
2위치 더블

SYA5220-
C4, N3
C6, N7
C8, N9

(-F2)



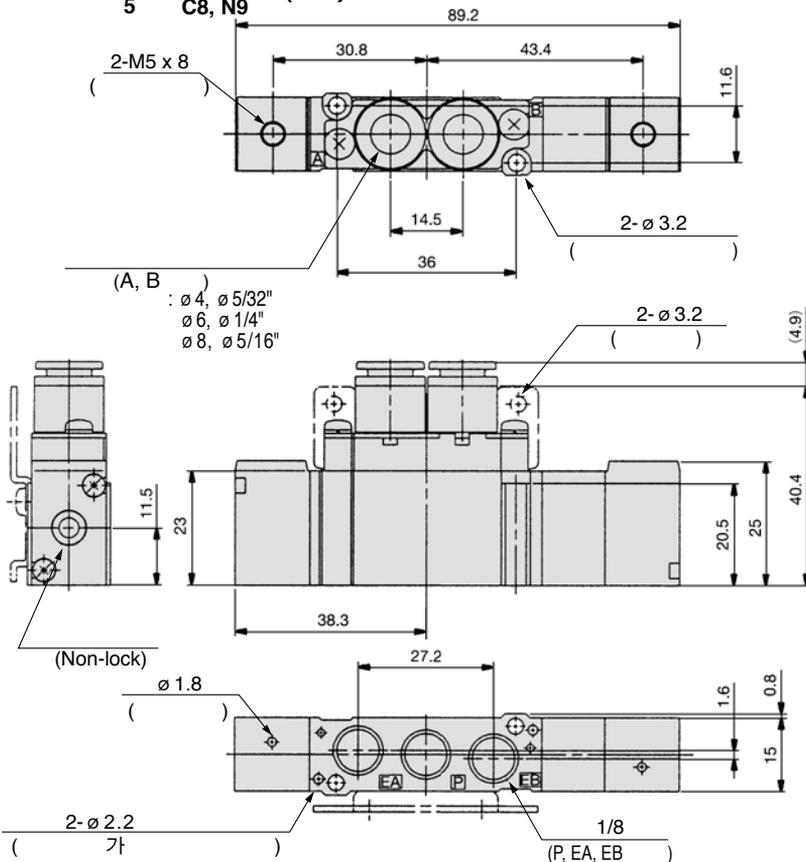
SYA5220-01



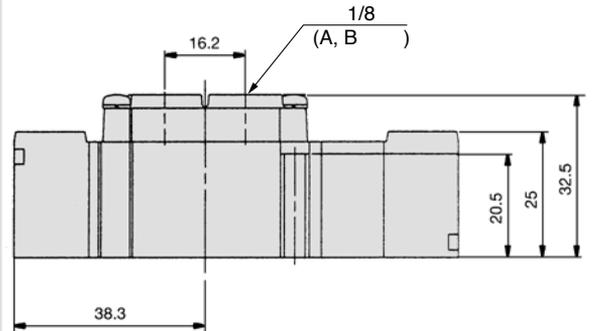
3위치 Closed center / Exhaust center / Pressure center

SYA5420-
C4, N3
C6, N7
C8, N9

(-F2)



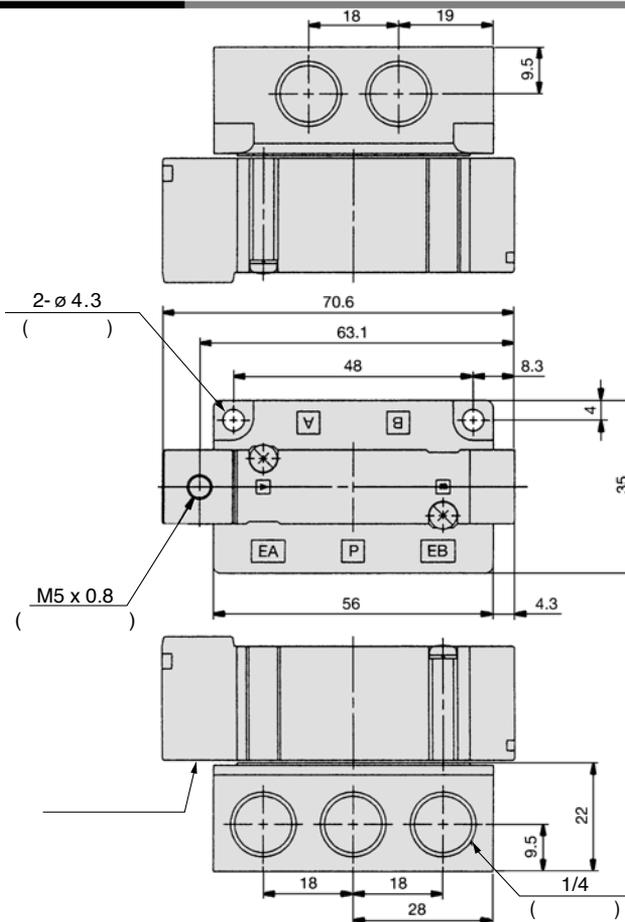
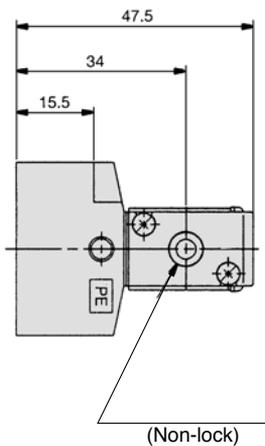
SYA5420-01



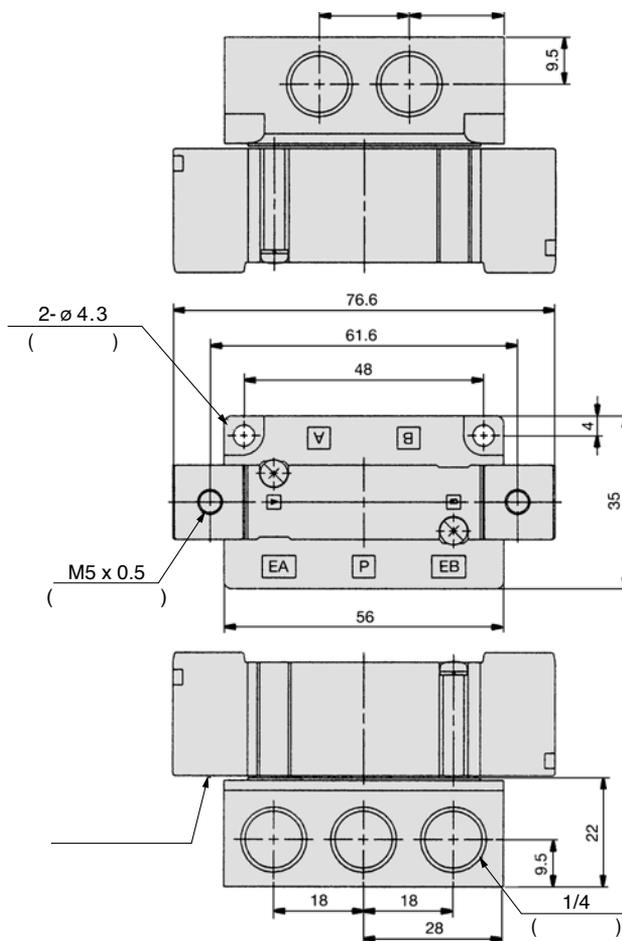
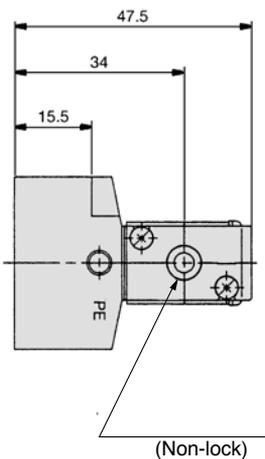
SYA3000/5000/7000

SYA5000 Series: 베이스 배관형 외형치수도

2위치 싱글
SYA5140-02



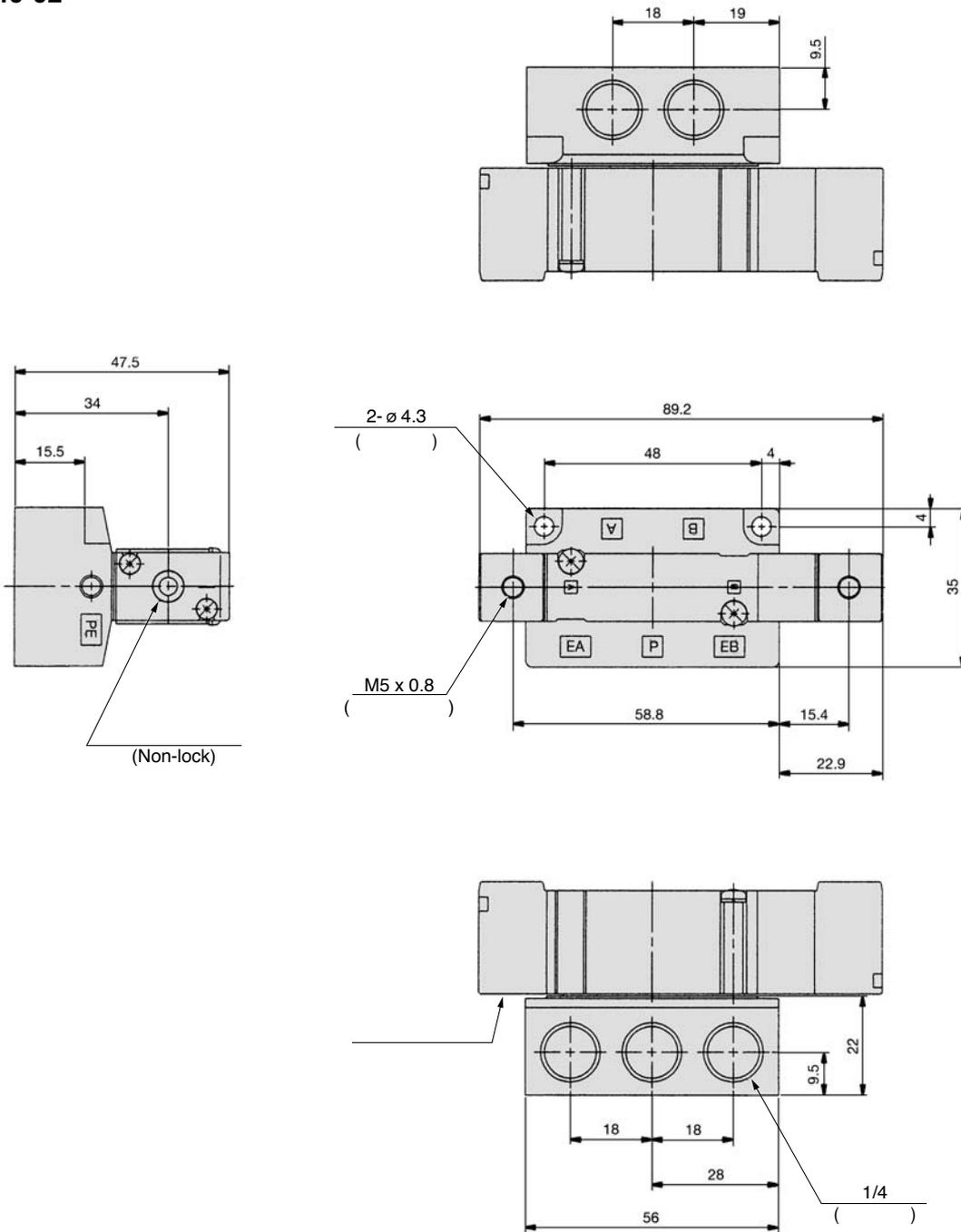
2위치 더블
SYA5240-02



SYA5000 Series: 베이스 배관형 외형치수도

3위치 Closed center / Exhaust center / Pressure center

SYA5³/₅40-02

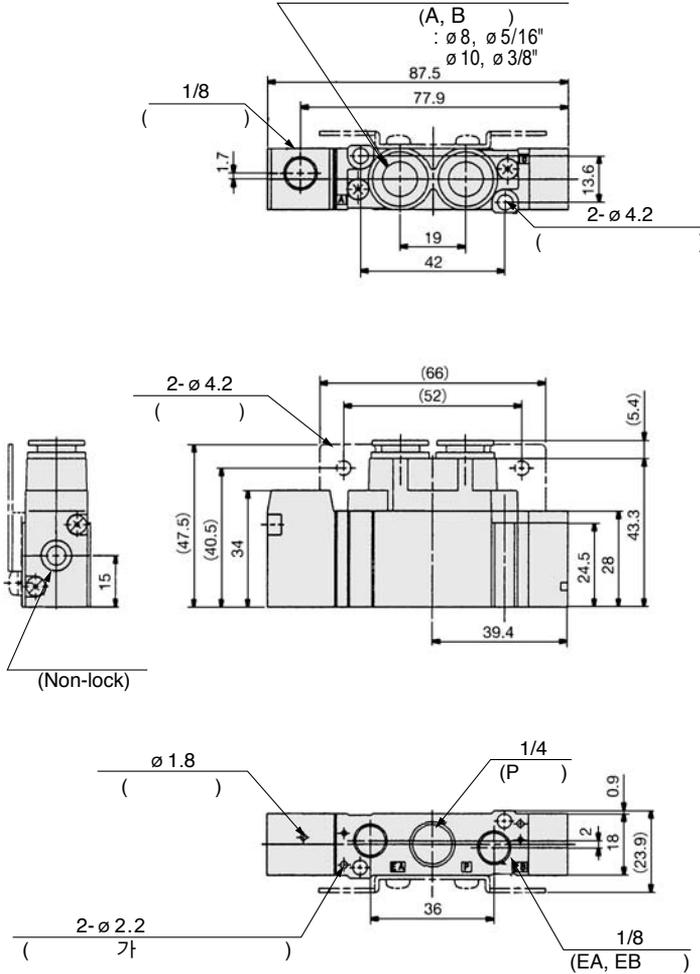


SYA3000/5000/7000

SYA7000 Series: 직접 배관형 외형치수도

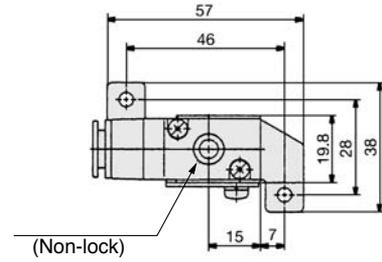
2위치 싱글

SYA7120-C8, N9
C10, N11 (-F2)

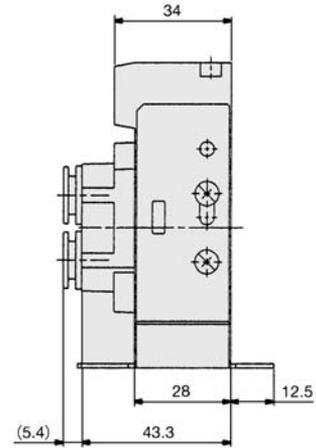


푸트 브라켓 부착의 경우

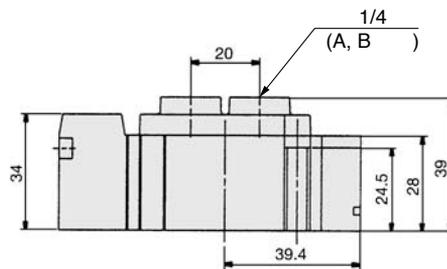
SYA7120-C8, N9
C10, N11 -F1



(Non-lock)



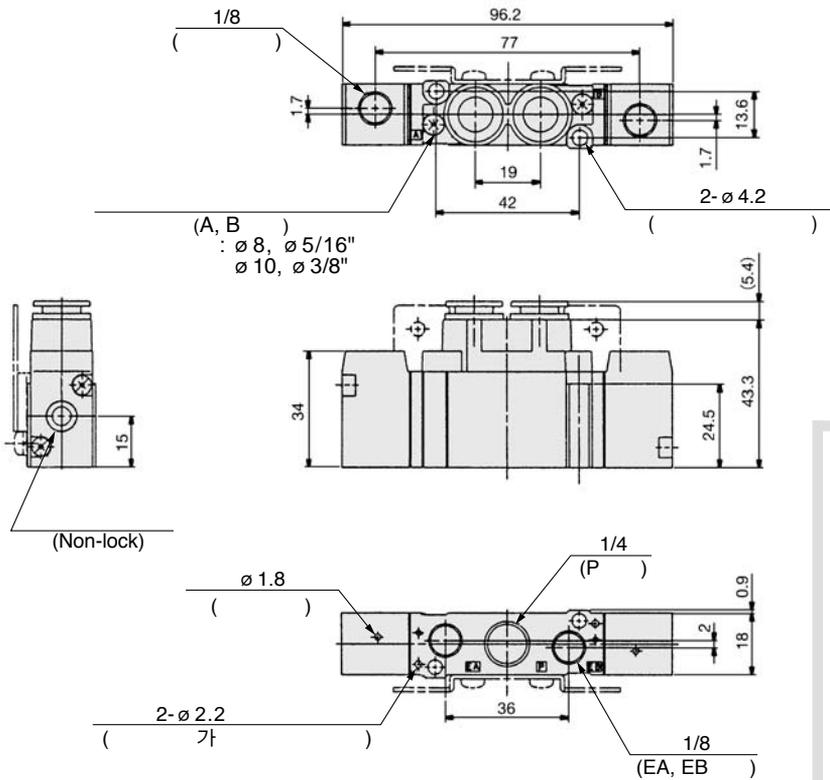
SYA7120-02



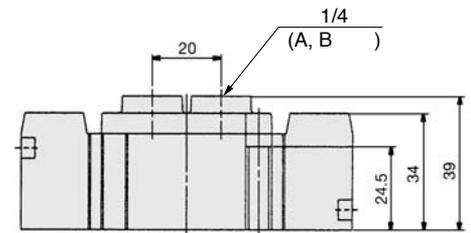
SYA7000 Series: 직접 배관형

2위치 더블

SYA7220- C8, N9
C10, N11

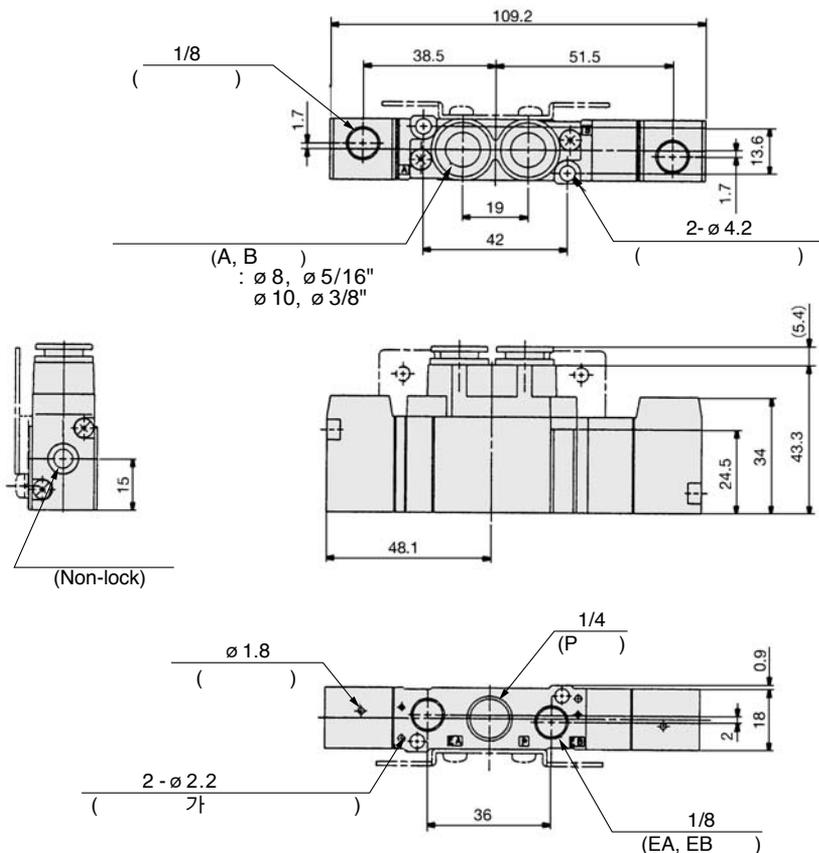


SYA7220-02

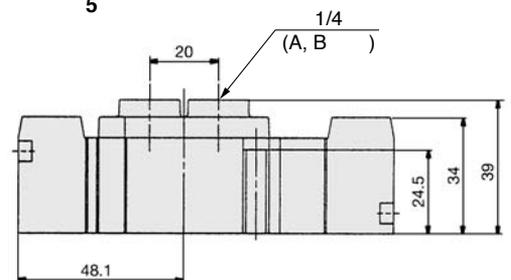


3위치 Closed center / Exhaust center / Pressure center

SYA7420- C8, N9
C10, N11



SYA7420-02



SYA7000 Series: 베이스 배관형 외형치수도

3위치 Closed center / Exhaust center / Pressure center

SYA7 $\frac{3}{5}$ 440-02
03

