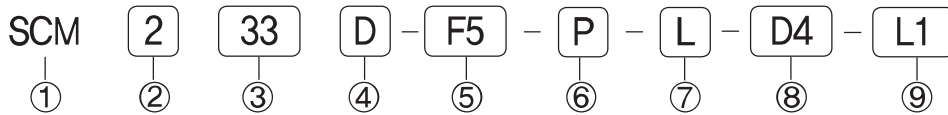




- ◆ 조립성 향상
- ◆ CE / RoHS대응
- ◆ 다양한 회로구성
- ◆ 내구성 향상
- ◆ 콤팩트타입

◆ 주문형식 표기방법



① 사양

SCM 시리즈

② 시리즈

- 2 : 200시리즈
- 3 : 300시리즈
- 4 : 400시리즈

③ 절환방식

- 11 : 2위치 싱글
- 20 : 2위치 더블
- 33 : 3위치 Close Center
- 43 : 3위치 Exhaust Center
- 53 : 3위치 Open Center

④ 배관형식

D : 직접배관형

⑤ 포트커버 선택

- F5 : 5포트용 커버
- F3 : 3포트용 커버
- FC5 : 5포트 휘팅 일체형
- FC3 : 3포트 휘팅 일체형

⑥ 수동조작방식

- P : 푸쉬버튼
- L : 레버로크식

⑦ 적용코일

- L : 수평형 플러그(10mm)
- M : 수직형 플러그 (10mm)
- SD1 : 15mm 램프 그로메트(500mm)
- SL1 : 15mm 램프 수형형 플러그
- SM1 : 15mm 램프 수직형 플러그
- SC1-CN1 : 3Pin 코일 + 일반콘넥터(흑색)

SC1-CD1 : 3Pin 코일 + 램프콘넥터(투명)

SC1-CZ1 : 3Pin 코일 + 램프콘넥터, 보호회로(투명)

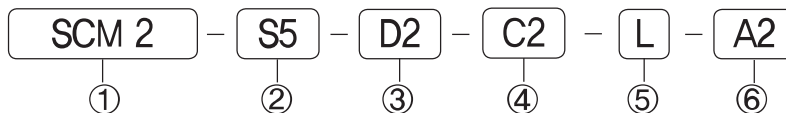
⑧ 코일 정격전압

- A2: AC 220V (50/60Hz)
- A1: AC 110V (50/60Hz)
- D4: DC 24V
- D2: DC 12V

⑨ 그로메트 연장

- 무기호 : 표준
- L1 : 1,000mm
- L2 : 2,000mm
- L3 : 3,000mm

MCS 조합 주문형식



① 시리즈

- SCM2 : 200시리즈
- SCM3 : 300시리즈
- SCM4 : 400시리즈

②③④ 조합밸브, 수량

S* : 2위치 싱글

D* : 2위치 더블

- C* : 3위치 Close Center
- E* : 3위치 Exhaust Center
- P* : 3위치 Open Center

⑤ 적용코일

주문형식 참조

⑥ 코일 정격전압

- A2: AC 220V (50/60Hz)
- A1: AC 110V (50/60Hz)
- D4: DC 24V
- D2: DC 12V



◆ 사양

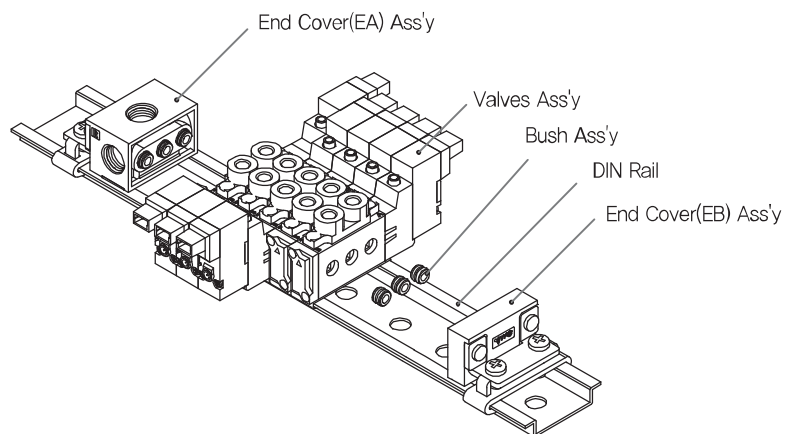
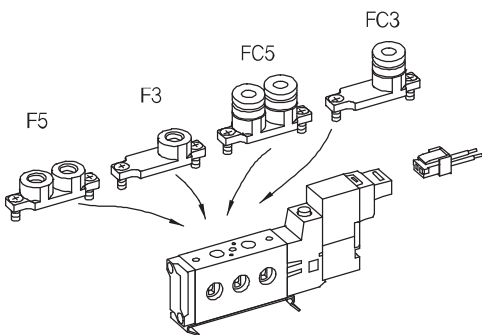
항목	시리즈	솔레노이드 밸브	
	절환방식	5포트 2위치	5포트 3위치
사용유체	공기 및 불활성 가스		
사용압력	0.15 ~ 0.7 MPa		0.2 ~ 0.7 MPa
유효단면적(mm²) SCM200	2.3		1.8
유효단면적(mm²) SCM300	9.0		7.5
유효단면적(mm²) SCM300	16.0		12.0
주위 및 사용유체 온도	5 ~ 60°C(41 ~ 140°F)		
응답시간 (5bar시)	25ms 이하		35ms 이하
최대작동빈도	8c/sec		5c/sec
급유	불필요 (단, 급유시 ISO VG32# 사용)		
수동조작	누름식 버튼(기본),회전레바식(옵션)		
코일절연종류	F종 상당		
허용전압변동	정격전압의 ±10%		
Off시 최소 잔류전압	DC:정격전압의 10%미만		
소비전력 (M,L)	DC24V : 0.8W, DC12V : 0.6W		
소비전력 (SD1, SC1)	AC220V : 3.5VA, DC : 2.0W		

◆ 약세사리 주문형식

잔벨 주문형식	
SCM200	SCM2C-(길이)
SCM300	SCM3C-(길이)
SCM400	SCM4C-(길이)

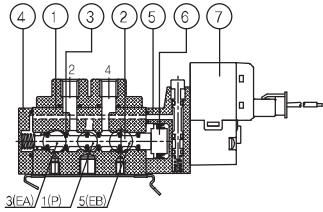
포트커버 주문형식	
SCM200	SCM2-EA
SCM300	SCM3-EA
SCM400	SCM4-EA

앤드커버 주문형식	
SCM200	SCM2-EB
SCM300	SCM3-EB
SCM400	SCM4-EB

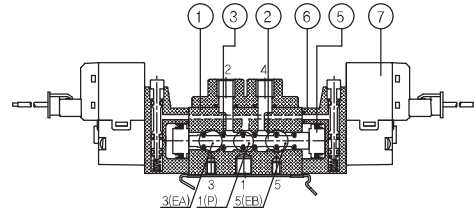
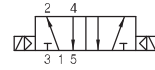


◆ 밸브형식

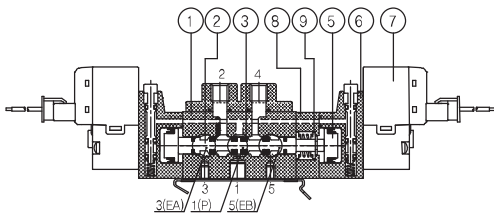
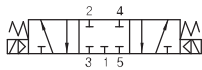
2위치 싱글 (SCM211D-F5-P-L-00)



2위치 더블 (SCM220D-F5-P-L-00)



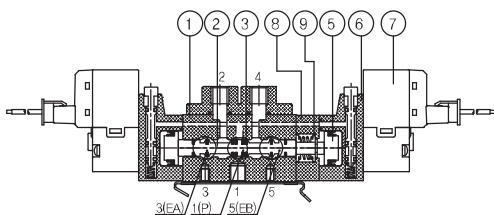
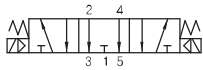
3위치 올포트블럭 Close Center (SCM233D-F5-P-L-00)



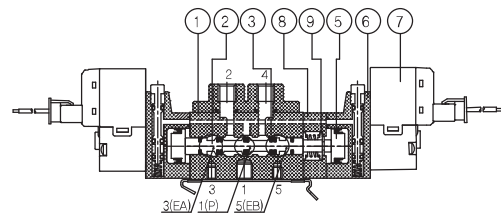
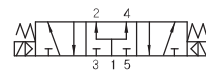
◆ 주요부품

번호	부품명	비고
1	몸체	알루미늄 다이캐스팅
2	스플	알루미늄
3	패킹	NBR
4	바디캡	알루미늄
5	피스톤	수지
6	파이롯트	수지
7	코일	코일 Ass'y
8	블럭가이드	아연다이캐스팅
9	스프링 가이드	수지

3위치 ABR Exhaust Center (SCM243D-F5-P-L-00)



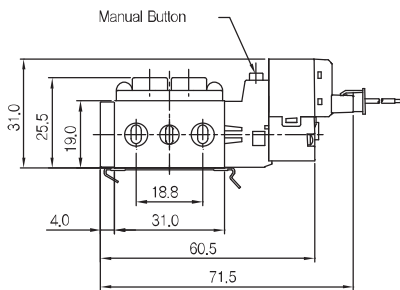
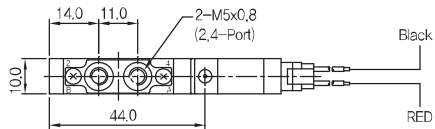
3위치 PAB Open Center (SCM253D-F5-P-L-00)



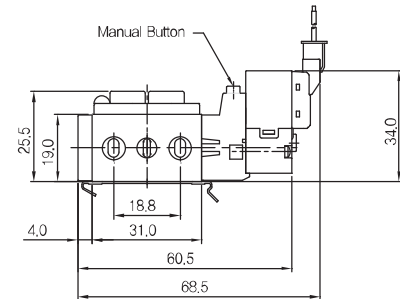
◆ 외형 치수도

▶ 2위치 싱글 솔레노이드밸브

SCM211D-F5-P-L-00

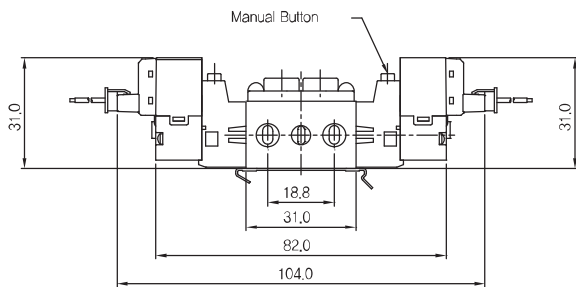
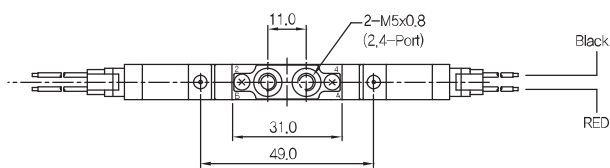


SCM211D-F5-P-M-00

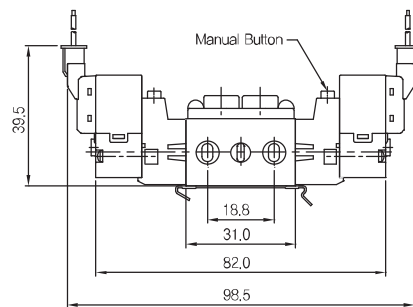


▶ 2위치 더블 솔레노이드밸브

SCM220D-F5-P-L-00



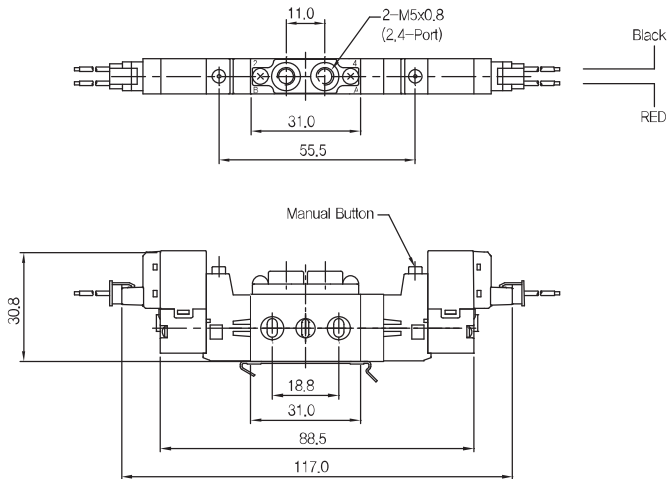
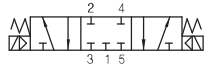
SCM220D-F5-P-M-00



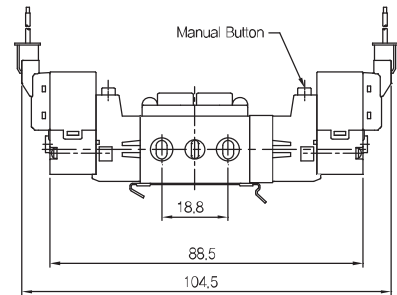
◆ 외형 치수도

▶ 3위치 Close Center 솔레노이드밸브

SCM233D-F5-P-L-00

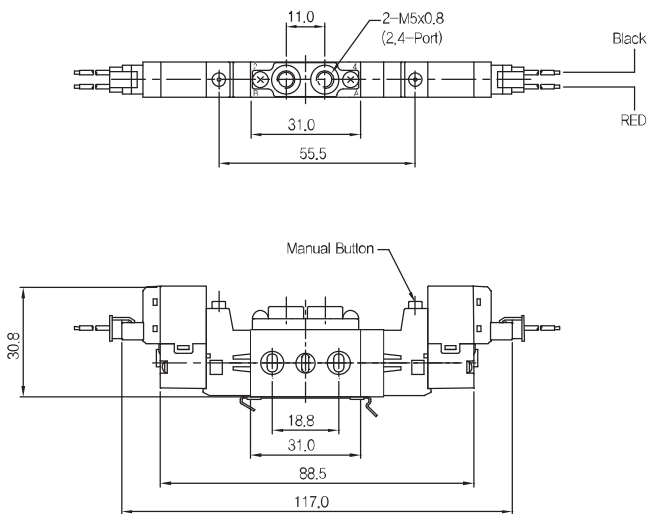
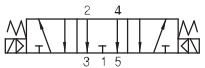


SCM233D-F5-P-M-00

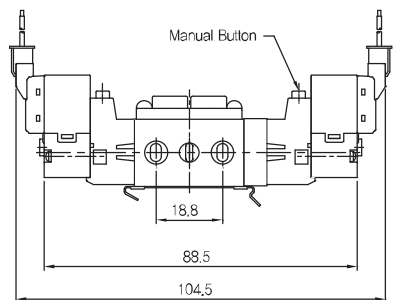


▶ 3위치 Exhaust Center 솔레노이드밸브

SCM243D-F5-P-L-00



SCM243D-F5-P-M-00

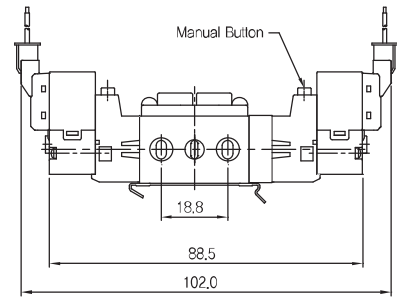
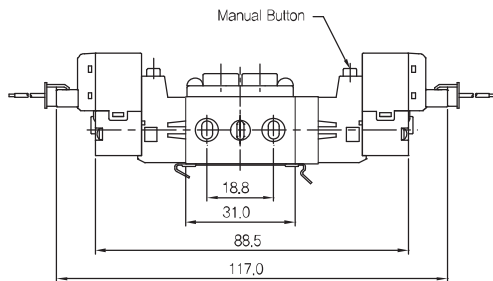
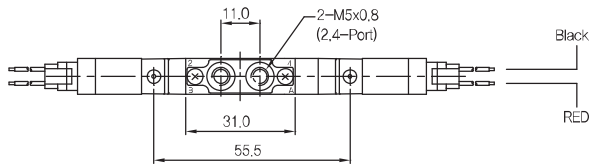
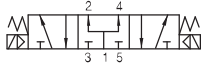


◆ 외형 치수도

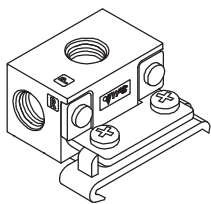
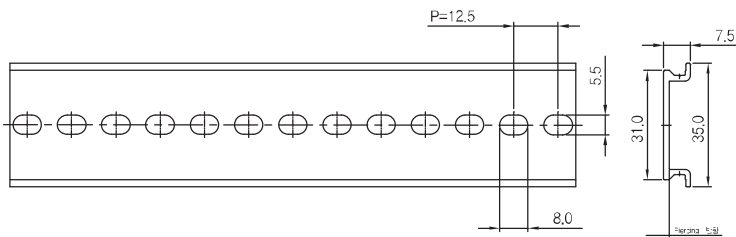
▶ 3위치 Open Center 솔레노이드밸브

SCM253D-F5-P-L-00

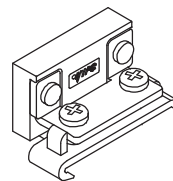
SC253D-F5-P-M-00



▶ 약세사리 규격

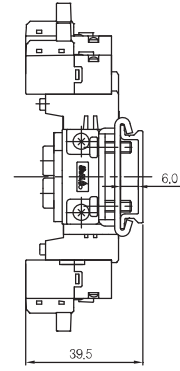
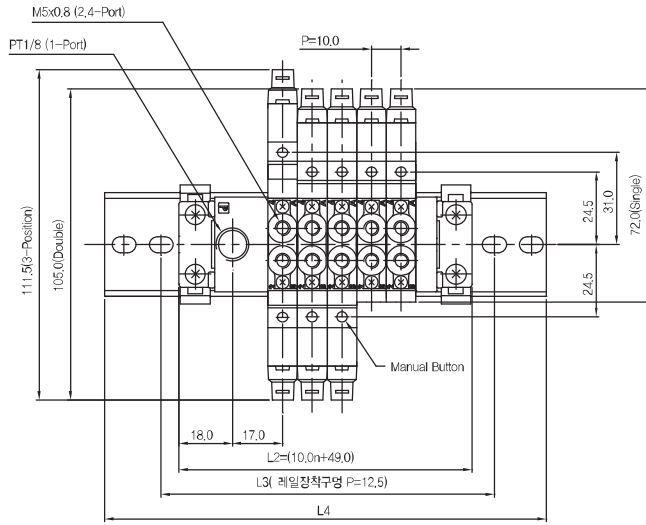


SCM200-EA
SCM300-EA
SCM400-EA

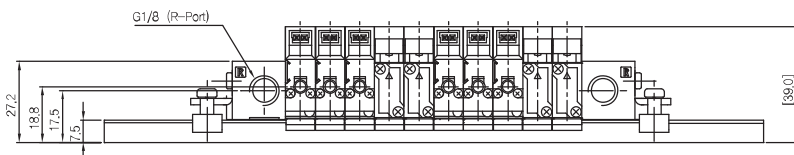
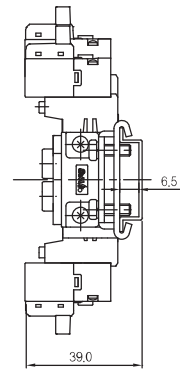
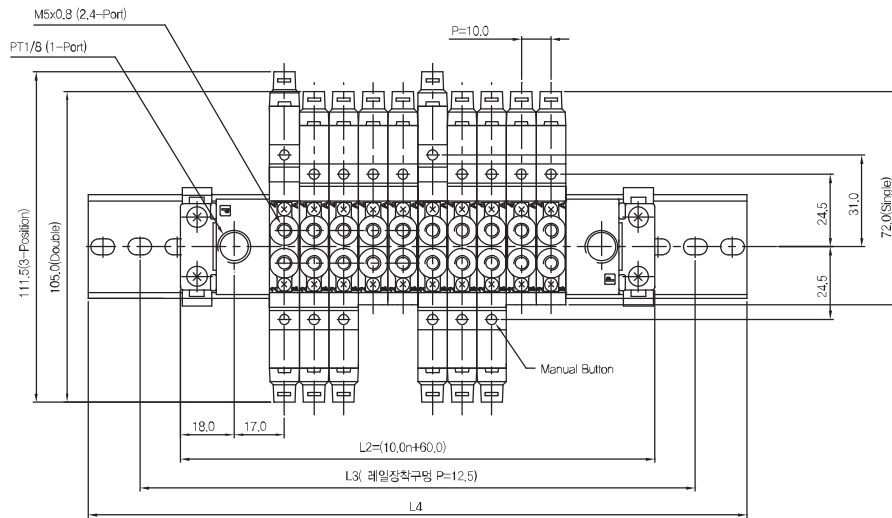
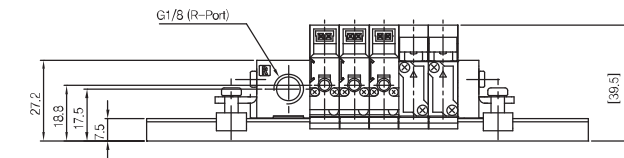


SCM200-EB
SCM300-EB
SCM400-EB

◆ 외형 치수도



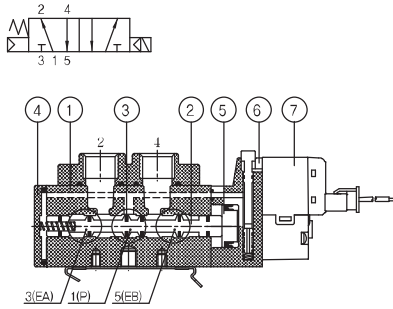
항목 \ 편수	2	3	4	5	6	7	8	9	10
L2	69.0	79.0	89.0	99.0	109.0	119.0	129.0	139.0	149.0
L3	75.0	87.5	100.0	112.5	125.0	137.5	150.0	162.5	175.0
L4	111.5	124.0	136.5	149.0	161.5	174.0	186.5	199.0	211.5



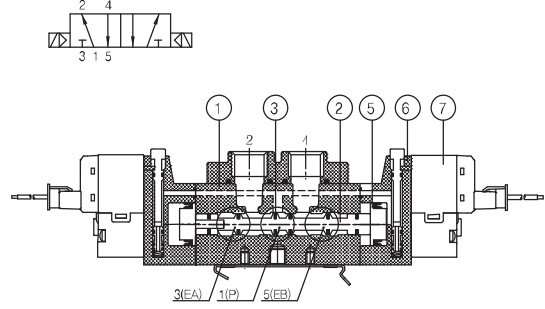
항목 \ 편수	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L2	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0	240.0	250.0	260.0
L3	95.0	100.0	112.5	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5	275.0	287.5	300.0	312.5
L4	130.0	135.0	147.5	160.0	172.5	185.0	197.5	210.0	222.5	235.0	247.5	260.0	272.5	285.0	297.5	310.0	322.5	335.0	347.5

◆ 밸브형식

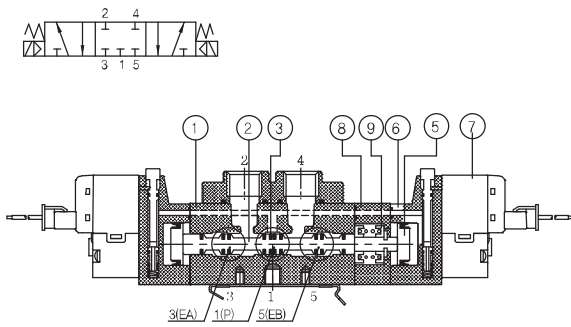
2위치 싱글 (SCM311D-F5-P-L-00)



2위치 더블 (SCM320D-F5-P-L-00)



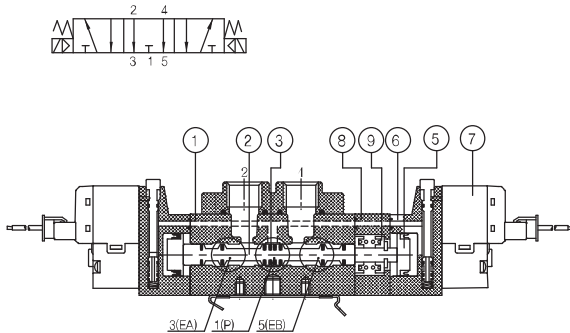
3위치 올포트블럭 Close Center (SCM333D-F5-P-L-00)



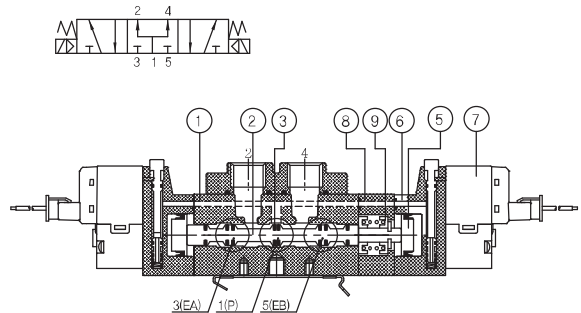
◆ 주요부품

번호	부품명	비 고
1	몸체	알루미늄 다이캐스팅
2	스플	알루미늄
3	패킹	NBR
4	바디캡	알루미늄
5	피스톤	수지
6	파이롯트	수지
7	코일	코일 Ass'y
8	블럭가이드	아연다이캐스팅
9	스프링 가이드	수지

3위치 ABR Exhaust Center (SCM343D-F5-P-L-00)



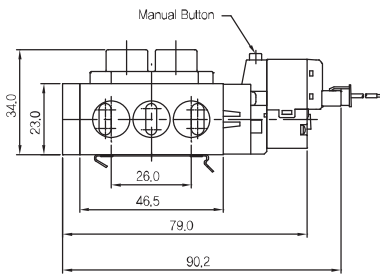
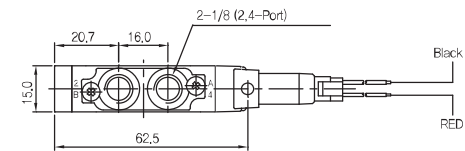
3위치 PAB Open Center (SCM353D-F5-P-L-00)



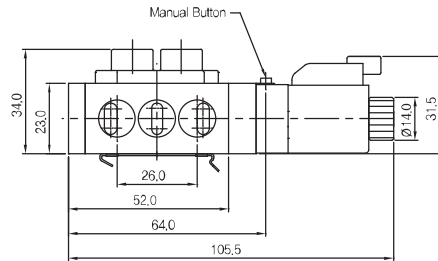
◆ 외형 치수도

▶ 2위치 싱글 솔레노이드밸브

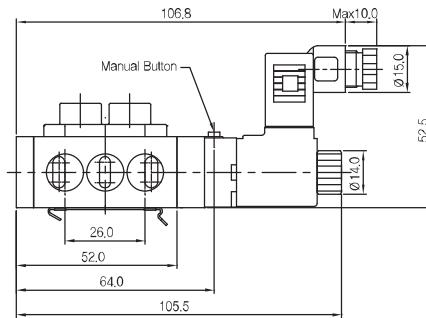
SCM311D-F5-P-L-00



SCM311D-F5-P-SM1-**

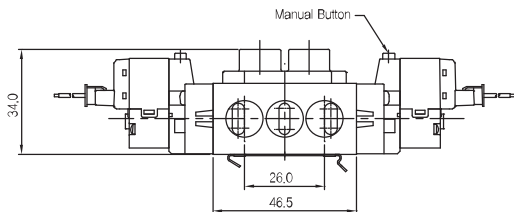
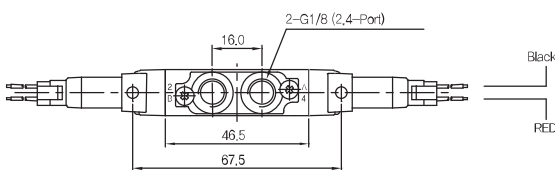


SCM311D-F5-P-SC1-CZ1-**

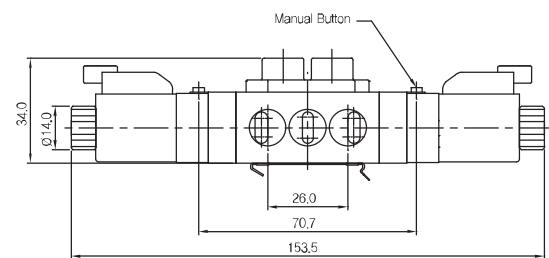


▶ 2위치 더블 솔레노이드밸브

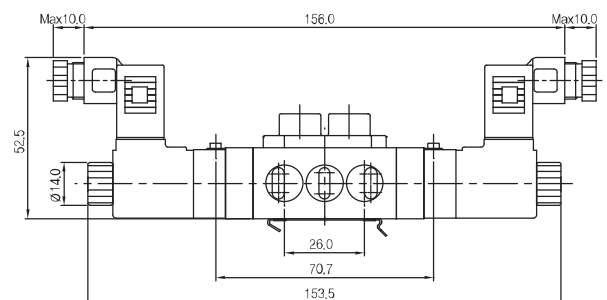
SCM320D-F5-P-L-00



SCM320D-F5-P-SM1-**



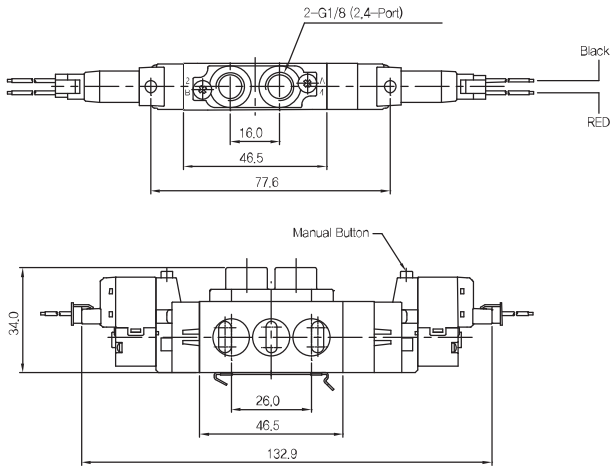
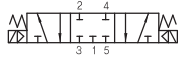
SCM320D-F5-P-SC1-CZ1-**



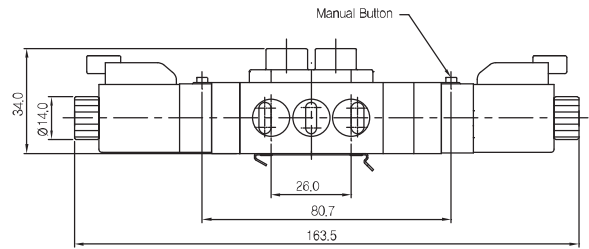
◆ 외형 치수도

▶ 3위치 Close Center 솔레노이드밸브

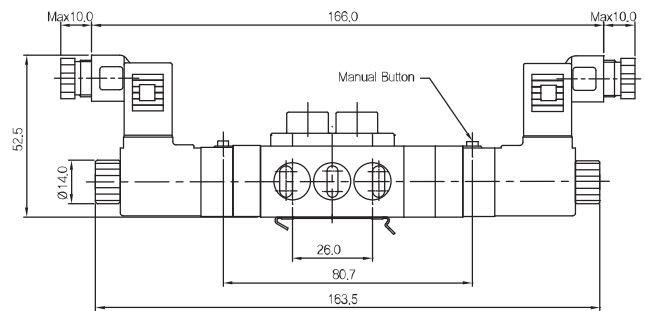
SCM333D-F5-P-L-00



SCM333D-F5-P-M-SM1-**-**

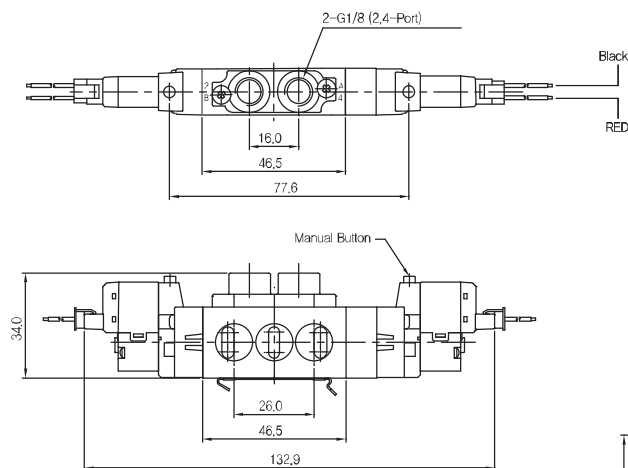
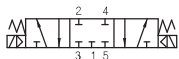


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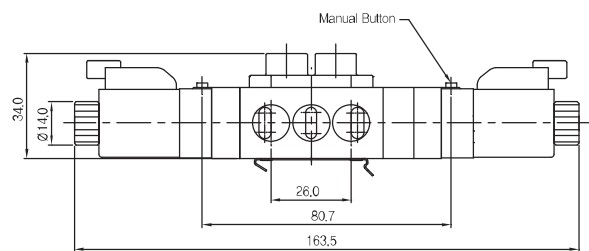


▶ 3위치 Exhaust Center 솔레노이드밸브

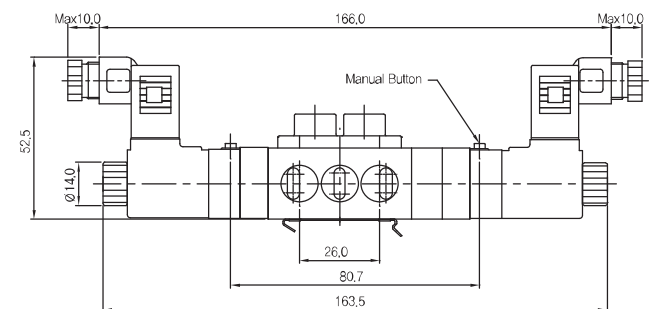
SCM343D-F5-P-L-00



SCM333D-F5-P-M-SM1-**-**



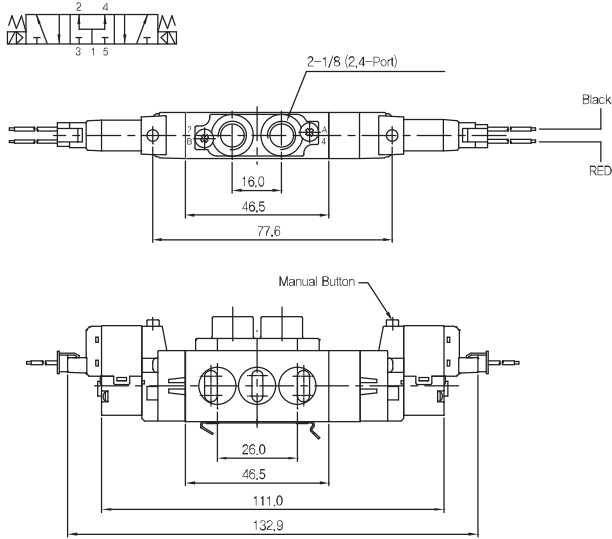
SCM333D-F5-P-M-SC1-CZ1-**-**



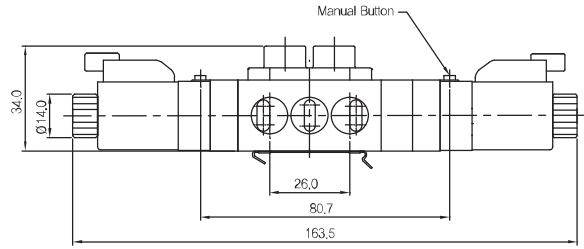
◆ 외형 치수도

▶ 3위치 Open Center 솔레노이드밸브

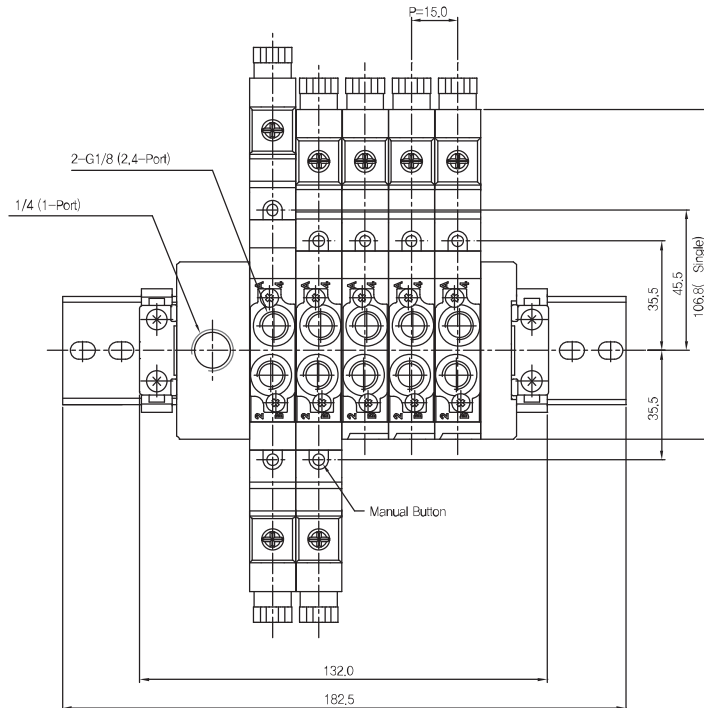
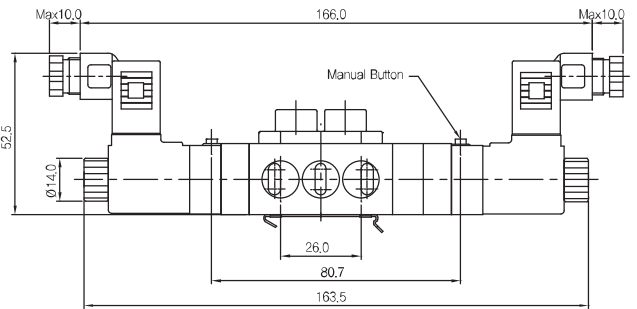
SCM353D-F5-P-L-00



SCM353D-F5-P-SMI-00



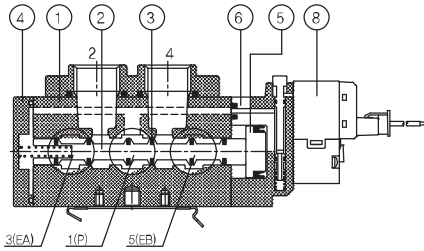
SCM333D-F5-P-M-SC1-CZ1-**-



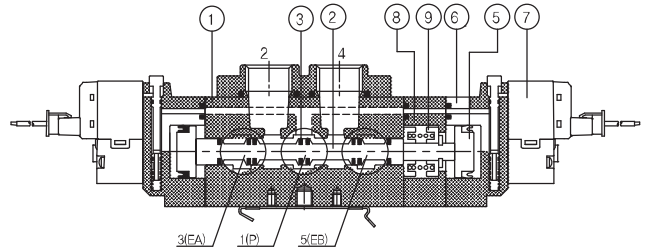
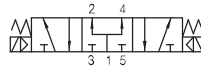
련수	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L2	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0	240.0	250.0	260.0
L3	95.0	100.0	112.5	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5	275.0	287.5	300.0	312.5
L4	130.0	135.0	147.5	160.0	172.5	185.0	197.5	210.0	222.5	235.0	247.5	260.0	272.5	285.0	297.5	310.0	322.5	335.0	347.5

◆ 밸브형식

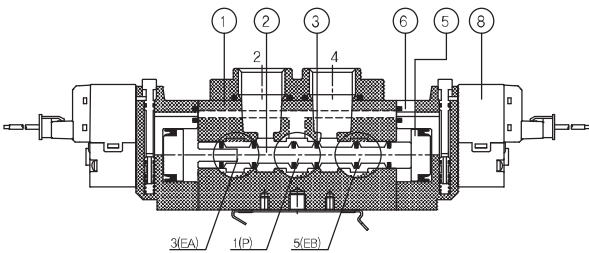
2위치 싱글(SCM411D-F5-P-L-00)



3위치 PAB Open Center (SCM453D-F5-P-L-00)



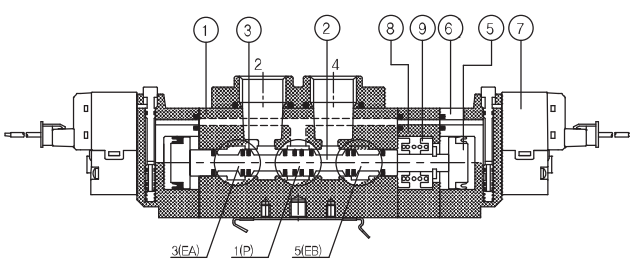
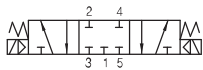
2위치 더블(SCM420D-F5-P-L-00)



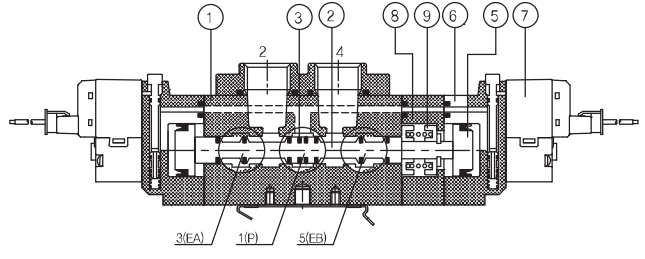
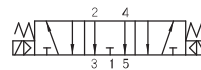
◆ 주요부품

번호	부품명	비고
1	몸체	알루미늄 다이캐스팅
2	스플	알루미늄
3	패킹	NBR
4	바디캡	알루미늄
5	피스톤	수지
6	파이롯트	수지
7	코일	코일 Ass'y
8	블럭가이드	아연다이캐스팅
9	스프링 가이드	수지

3위치 올포트블럭 ABR Exhaust Center (SCM433D-F5-P-L-00)



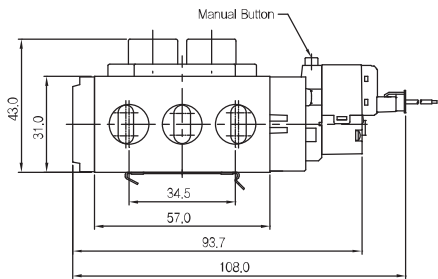
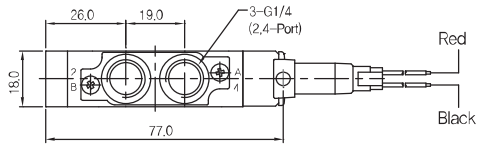
3위치 ABR Exhaust Center (SCM443D-F5-P-L-00)



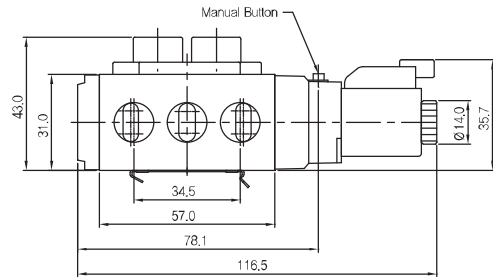
◆ 외형 치수도

▶ 2위치 싱글 솔레노이드밸브

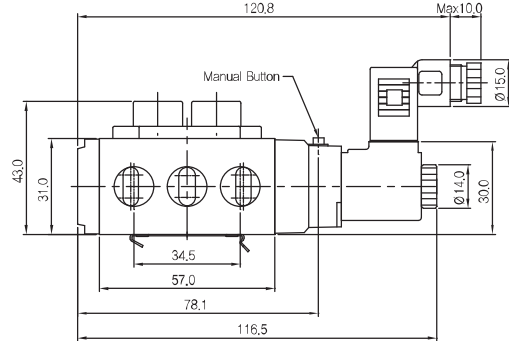
SCM411D-F5-P-L-00



SCM411D-F5-P-SM1-00

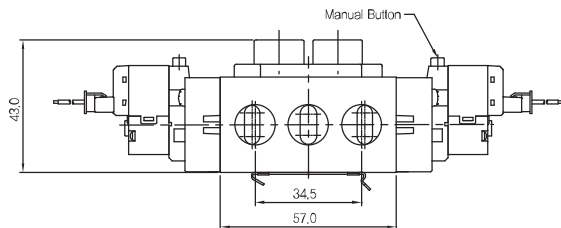
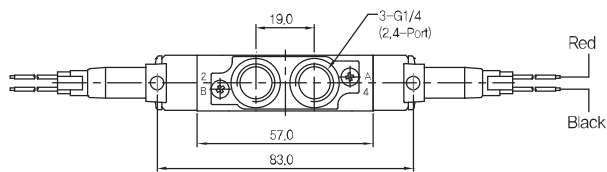


SCM411D-F5-P-SC1-CZ1-**

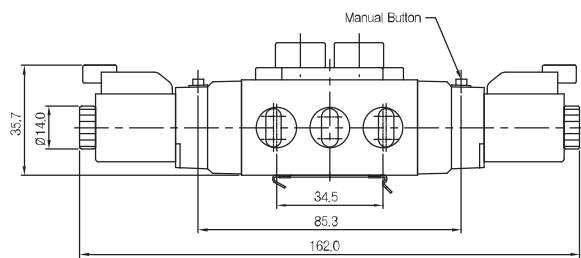


▶ 2위치 더블 솔레노이드밸브

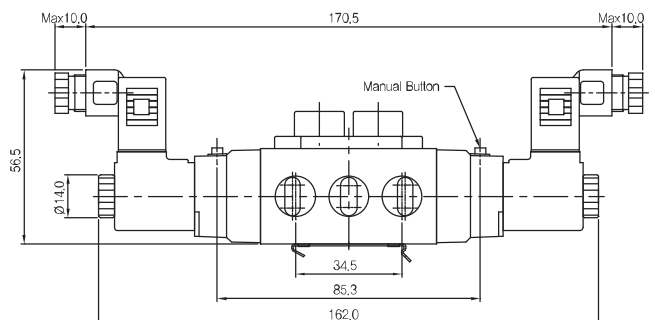
SCM420D-F5-P-L-00



SCM420D-F5-P-SM1-00



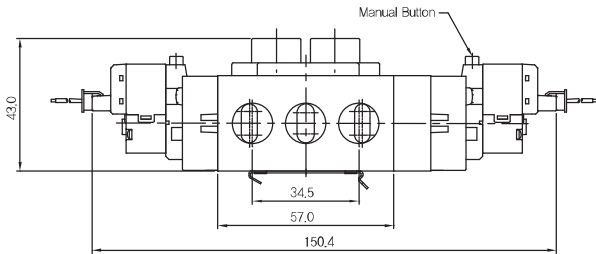
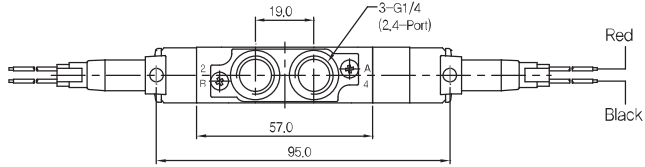
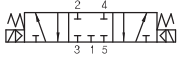
SCM420D-F5-P-SC1-CZ1-**



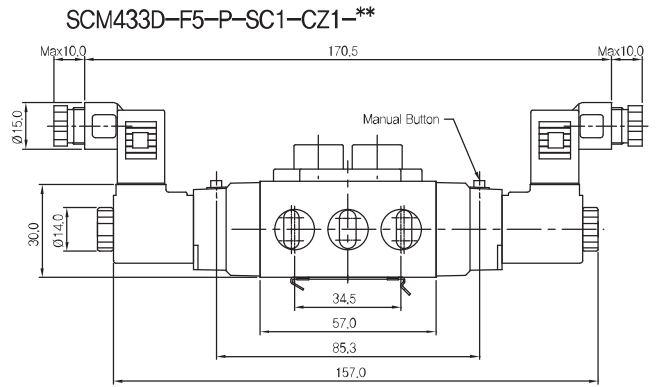
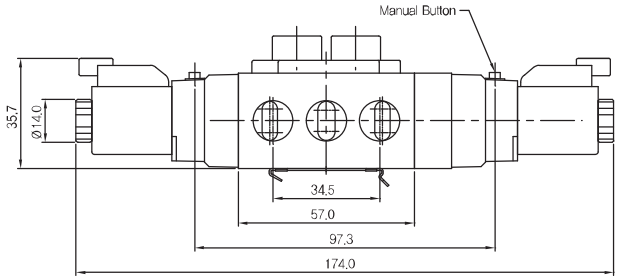
◆ 외형 치수도

▶ 3위치 Close Center 솔레노이드밸브

SCM433D-F5-P-L-00

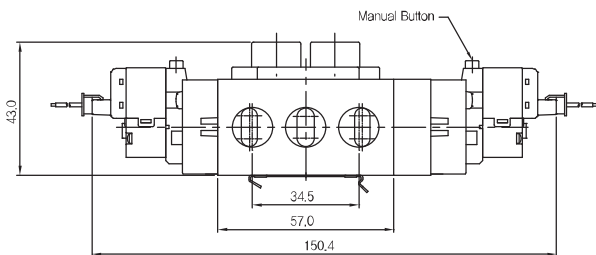
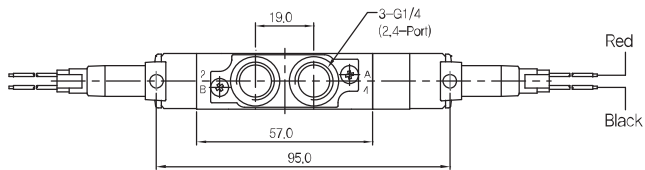
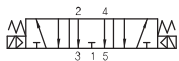


SCM433D-F5-P-SM1-00

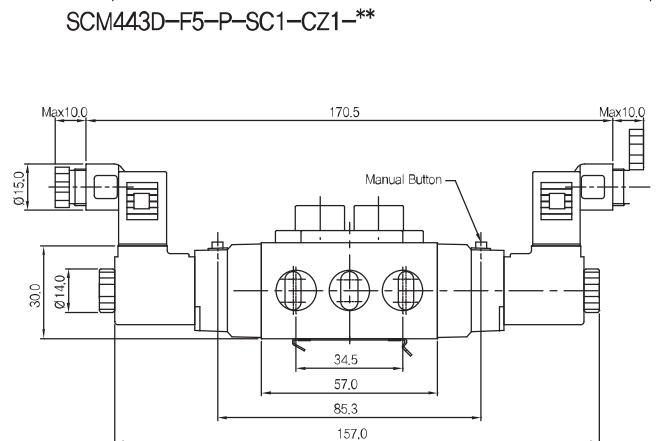
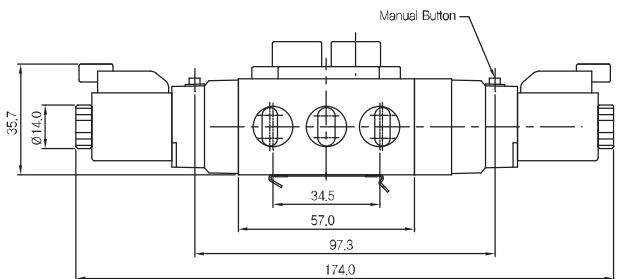


▶ 3위치 Exhaust Center 솔레노이드밸브

SCM443D-F5-P-L-00



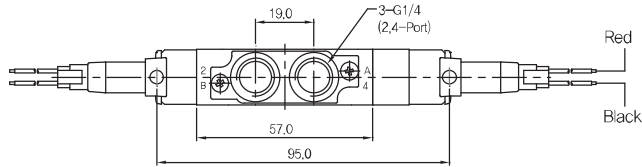
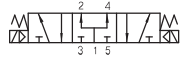
SCM443D-F5-P-SM1-00



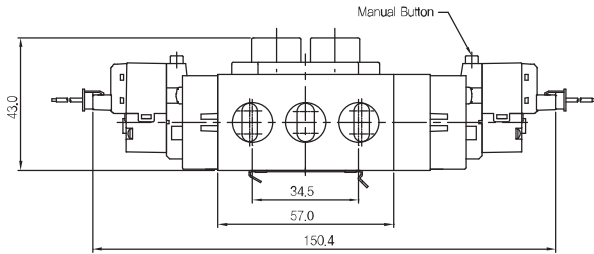
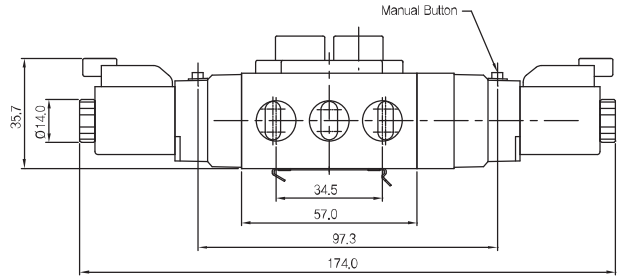
◆ 외형 치수도

▶ 3위치 Open Center 슬레노이드밸브

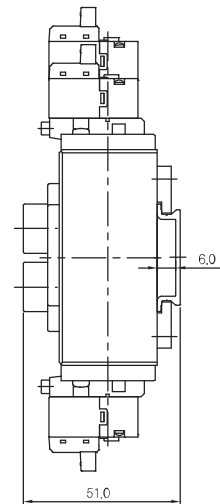
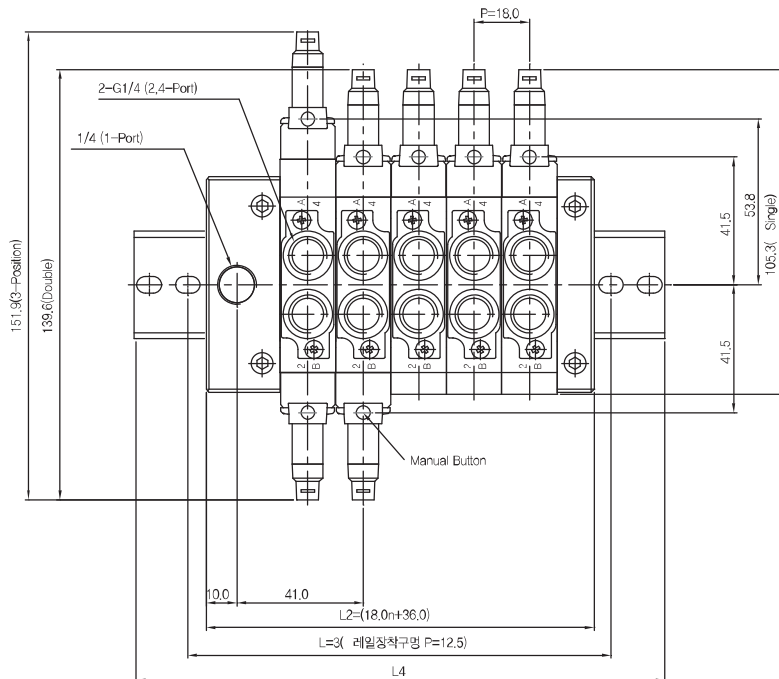
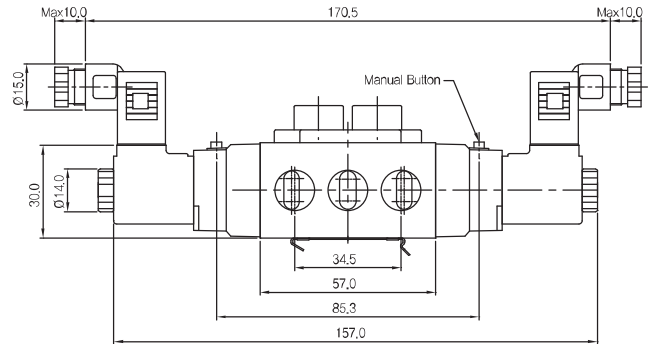
SCM453D-F5-P-L-00



SCM453D-F5-P-SMI-00



SCM333D-F5-P-M-SC1-CZ1-**-**



련수	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L2	72.0	90.0	108.0	126.0	144.0	162.0	180.0	198.0	216.0	234.0	252.0	270.0	288.0	306.0	324.0	342.0	360.0	378.0	396.0
L3	87.5	102.5	120.5	138.5	156.5	174.5	192.5	210.5	228.5	246.5	264.5	282.5	300.5	318.5	336.5	354.5	372.5	390.5	408.5
L4	122.5	137.5	155.5	173.5	191.5	209.5	227.5	245.5	263.5	281.5	299.5	317.5	335.5	353.5	371.5	389.5	407.5	425.5	443.5