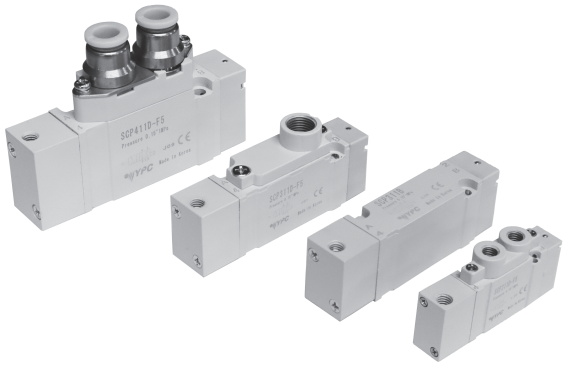
# SCP 5포트 시리즈, 에어오퍼레이트 밸브



◈ 성능 및 내구성향상
◈ 소형 대유량
◈ RoHS대응
◈ 다양성 확보
◈ 무급유 타입

## ◆ 주문형식 표기방법

직접배관형

SCP ① | 2 ② | 1 ③ | 1 ④ | D ⑤ – F5 ⑥

**① 시리즈**
SCP 에어오퍼레이트 밸브

**② 적용규격**
2 : SCP200 시리즈 (M5)
3 : SCP300 시리즈 (1/8)
4 : SCP400 시리즈 (1/4)

**③ 절환방식**
1 : 2위치 싱글
2 : 2위치 더블
3 : 3위치 Close Center
4 : 3위치 Exhaust Center
5 : 3위치 Pressure Center

**④ 복귀방식**
0 : None
1 : 에어리턴
2 : 에어 + 스프링리턴
3 : 스프링리턴

**⑤ 배관형식**
D : 직접배관형

**⑥ 포트 플레이트 형식**
F5 : 5포트용 플레이트
F3 : 3포트용 플레이트
C4 : Ø4 원터치피팅 내장
C6 : Ø6 원터치피팅 내장
C8 : Ø8 원터치피팅 내장
C10 : Ø10 원터치피팅 내장

베이스배관형

SCP ① | 2 ② | 1 ③ | 1 ④ | B ⑤ – CO ⑥

**① 시리즈**
SCP 에어오퍼레이트 밸브

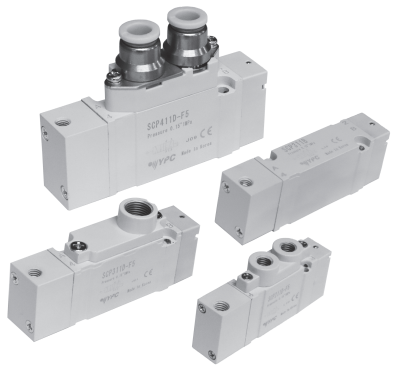
**② 적용규격**
2 : SCP200 시리즈 (M5)
3 : SCP300 시리즈 (1/8)
4 : SCP400 시리즈 (1/4)

**③ 절환방식**
1 : 2위치 싱글
2 : 2위치 더블
3 : 3위치 Close Center
4 : 3위치 Exhaust Center
5 : 3위치 Pressure Center

**④ 복귀방식**
0 : None
1 : 에어리턴
2 : 에어 + 스프링리턴
3 : 스프링리턴

**⑤ 배관형식**
B : 베이스배관형

**⑥ 베이스 부착**
베이스 부착 : 솔레노이드밸브 참조



## ◆ 사 양

| 항 목 | 5포트 2위치 | 5포트 3위치 |
|---|---|---|
| 사용유체 | 공기 및 불활성 가스 | |
| 사용압력 | 0.15 ~ 1MPa | 0.2 ~ 1MPa |
| 주위 및 사용유체온도 | 5 ~ 60˚ (41~ 140˚F) | |
| 급 유 | 불필요 (단, 급유시 ISO VG32# 사용) | |
| 파일롯트 배기형식 | 개별배기형 | |

## ◆ 밸브형식

| 배관방식 | 규격 | 절환방식 | 수동버튼 | 접속구경 | 유효단면적mm² |
|---|---|---|---|---|---|
| 직접배관형 | SCP200D 시리즈 | 2위치 싱글<br>2위치 더블<br>3위치 Close Center<br>3위치 Exhaust Center<br>3위치 Pressure Center | 옵션 | M5 | 2.3 |
| | SCP300D 시리즈 | | | 1/8 | 9.0 |
| | SCP400D 시리즈 | | | 1/4 | 16.0 |
| 베이스배관형 | SCP200B 시리즈 | 2위치 싱글<br>2위치 더블<br>3위치 Close Center<br>3위치 Exhaust Center<br>3위치 Pressure Center | 옵션 | M5 | 2.3 |
| | SCP300B 시리즈 | | | 1/8 | 9.0 |
| | SCP400B 시리즈 | | | 1/4 | 16.0 |

## ◆ 매니폴더 주문형식(직접배관형)

SCB21 – D – 02

① ② ③

**① 시리즈**

SCB21 : SCP200 매니폴더
SCB31 : SCP300 매니폴더
SCB41 : SCP400 매니폴더
SCB51 : SCP500 매니폴더

**② 배관형식**

D: 직접배관형 매니폴더

**③ 련수**

02: 2련 매니폴더
(표준 : 2련 ~ 14련)
BLK : 블랭킹 플레이트

## ◆ 매니폴더 주문형식(베이스배관형)

SCB21 – B – 02

① ② ③

**① 시리즈**

SCB21 : SCP200 매니폴더
SCB31 : SCP300 매니폴더
SCB41 : SCP400 매니폴더
SCB51 : SCP500 매니폴더

**② 배관형식**

B: 베이스배관형 매니폴더

**③ 련수**

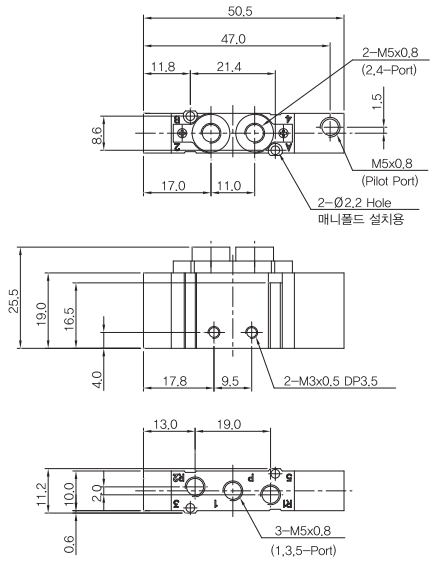
S : 싱글베이스
02 : 2련 매니폴더
(표준 : 2련 ~ 14련)
BLK : 블랭킹 플레이트

## ◆ SCP200 시리즈

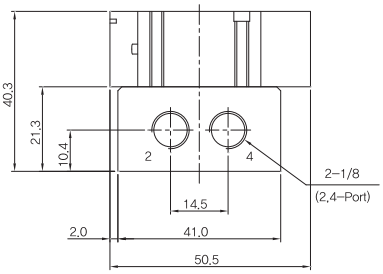
### ▶ 2위치 싱글

SCP 211D-F5



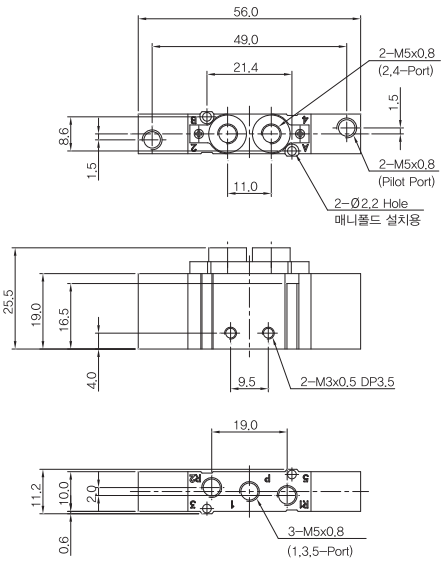

SC211B-C0



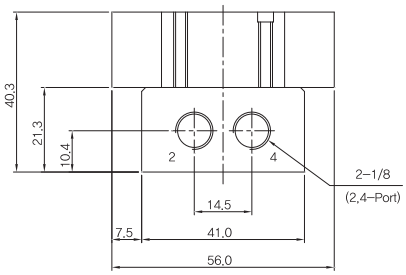

### ▶ 2위치 더블

SCP 220D-F5



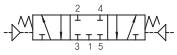

SCP220B-C0

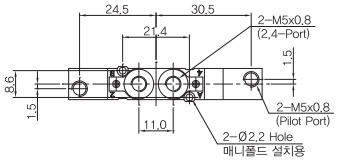


## ◆ 외형 치수도

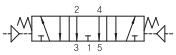
### ▶ 3위치 Close Center, Exhaust Center, Pressure Center

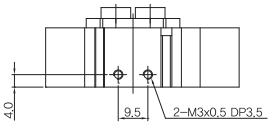
SCP233D-F5



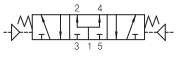


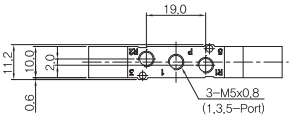

SCP243D-F5



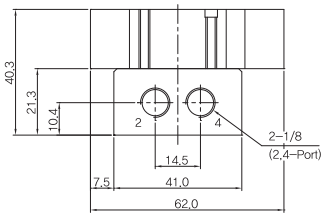



SCP253D-F5






SCP233B-C0




### ▶ 매니폴더 주문형식

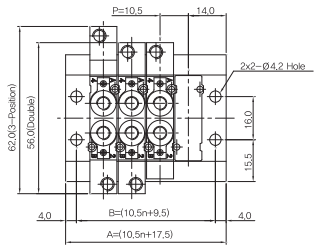
매니폴더 주문형식 SCB21-D-OO

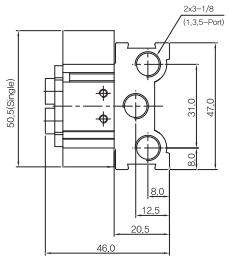
SCB21 - D - 02
① ② ③

**① 시리즈**
SCP200D용 매니폴더

**② 배관형식**
D: 직접배관형 매니폴더

**③ 련수**
02: 2련 매니폴더
(표준 : 2련 ~ 14련)
BLK : 블랭킹 플레이트




매니폴더 치수 n=련수

| 항목 \ 련수 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 30,5 | 41,0 | 51,0 | 62,0 | 72,5 | 83,0 | 93,5 | 104,0 | 114,5 | 125,0 | 135,5 | 146,0 | 156.5 |
| A | 38,5 | 49,0 | 59,5 | 70,0 | 80,5 | 91,0 | 101,5 | 112,0 | 122,5 | 133,0 | 143,5 | 154,0 | 164,5 |

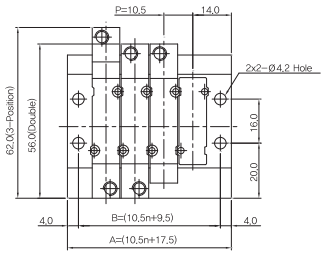
매니폴더 주문형식 SCB21-B-OO

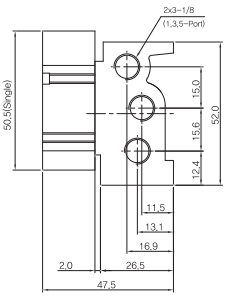
SCB21 - B - 02
① ② ③

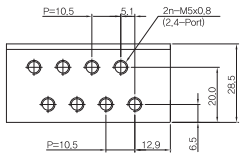
**① 시리즈**
SCP200B용 매니폴더

**② 배관형식**
B: 베이스배관형 매니폴더

**③ 련수**
S : 싱글베이스(1/8)
02 : 2련 매니폴더
(표준 : 2련 ~ 14련)
BLK : 블랭킹 플레이트



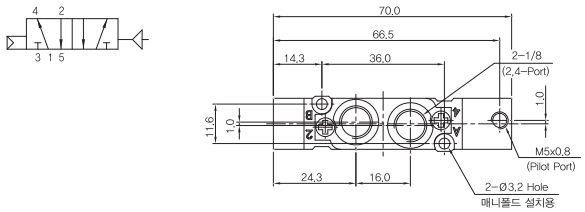

매니폴더 치수 n=련수

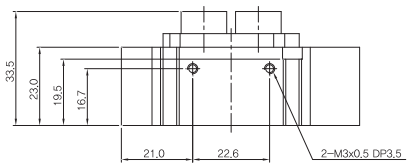
| 항목 \ 련수 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 30,5 | 41,0 | 51,0 | 62,0 | 72,5 | 83,0 | 93,5 | 104,0 | 114,5 | 125,0 | 135,5 | 146,0 | 156.5 |
| A | 38,5 | 49,0 | 59,5 | 70,0 | 80,5 | 91,0 | 101,5 | 112,0 | 122,5 | 133,0 | 143,5 | 154,0 | 164,5 |

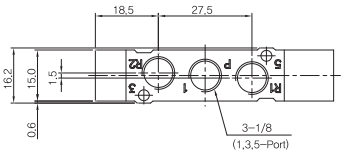
## ◆ SCP300 시리즈

### ▶ 2위치 싱글

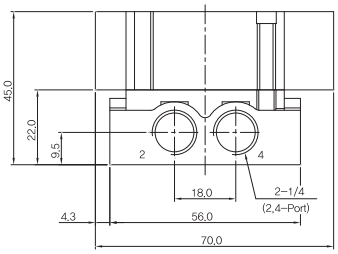
SCP 311D–F5



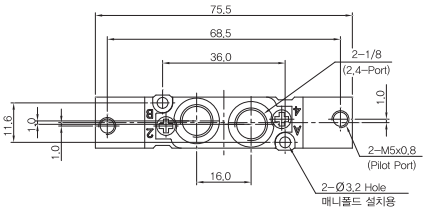

SCP311B–C1

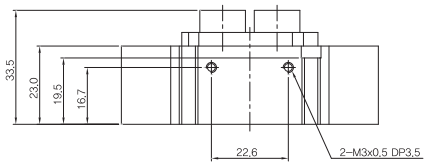


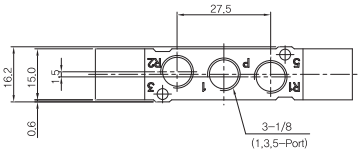

### ▶ 2위치 더블

SCP 320D–F5

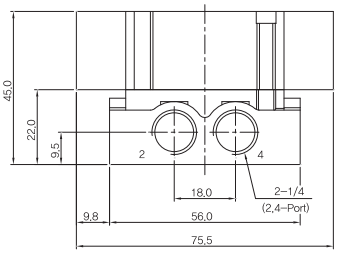


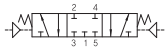

SCP320B–C1

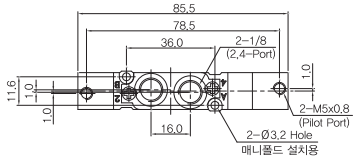


## ◆ 외형 치수도

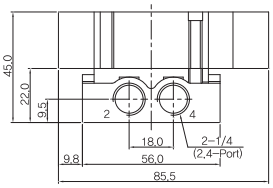
### ▶ 3위치 Close Center, Exhaust Center, Pressure Center

SCP333D-F5

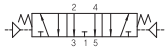


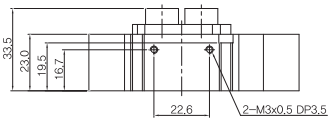



SCP333B-C1

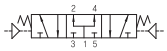


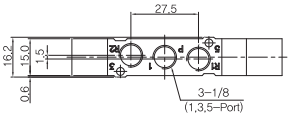

SCP343D-F5






SCP353D-F5






### ▶ 매니폴더 주문형식

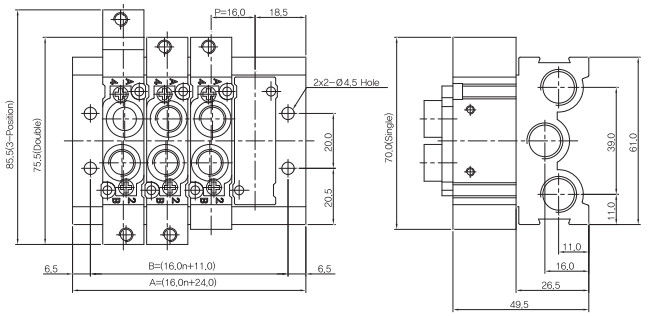
매니폴더 주문형식 SCB31-D-OO

SCB31 - D - 02
① ② ③

**① 시리즈**
SCP300D용 매니폴더

**② 배관형식**
D: 직접배관형 매니폴더

**③ 련수**
02: 2련 매니폴더
(표준 : 2련 ~ 14련)
BLK : 블랭킹 플레이트




매니폴더 치수 n=련수

| 항목 \ 련수 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 40.0 | 56.0 | 72.0 | 88.0 | 104.0 | 120.0 | 136.0 | 152.0 | 168.0 | 184.0 | 200.0 | 216.0 | 232.0 |
| A | 53.0 | 69.0 | 85.0 | 101.0 | 117.0 | 133.0 | 149.0 | 165.0 | 181.0 | 197.0 | 213.0 | 229.0 | 245.0 |

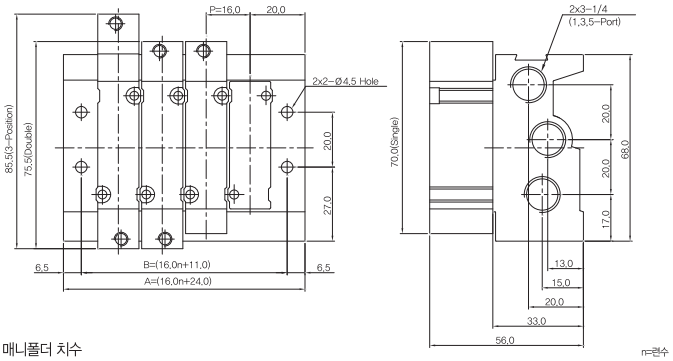
매니폴더 주문형식 SCB31-B-OO

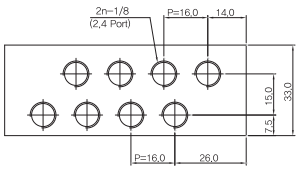
SCB31 - B - 02
① ② ③

**① 시리즈**
SCP300B용 매니폴더

**② 배관형식**
B: 베이스배관형 매니폴더

**③ 련수**
S : 싱글베이스(1/4)
02 : 2련 매니폴더
(표준 : 2련 ~ 14련)
BLK : 블랭킹 플레이트




매니폴더 치수 n=련수

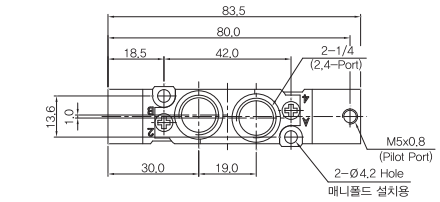
| 항목 \ 련수 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 43.0 | 59.0 | 75.0 | 91.0 | 107.0 | 123.0 | 139.0 | 155.0 | 171.0 | 187.0 | 203.0 | 219.0 | 235.0 |
| A | 56.0 | 72.0 | 88.0 | 104.0 | 120.0 | 136.0 | 152.0 | 168.0 | 184.0 | 200.0 | 216.0 | 232.0 | 248.0 |

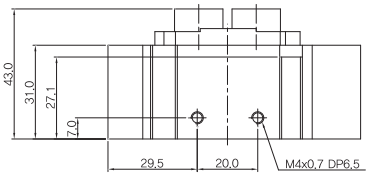
## ◆ SCP400 시리즈

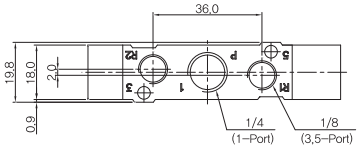
### ▶ 2위치 싱글

SCP411D-F5

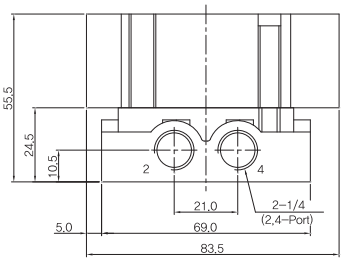


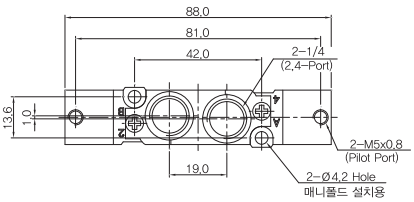

SCP411B-C1

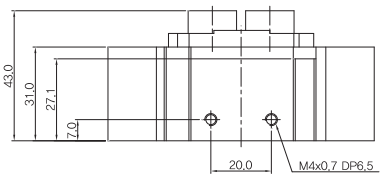


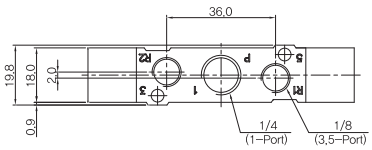

### ▶ 2위치 더블

SCP420D-F5

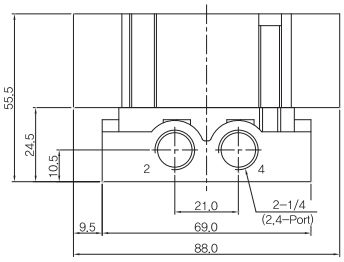


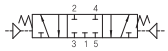

SCP420B-C1

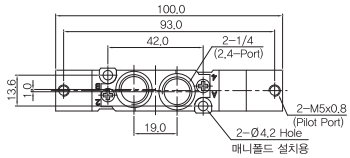


## ◆ 외형 치수도

### ▶ 3위치 Close Center, Exhaust Center, Pressure Center

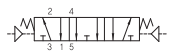
SCP433D-F5

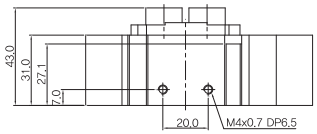


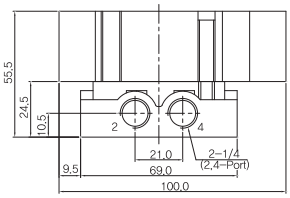



SCP433B-C1

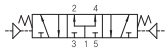
SCP443D-F5

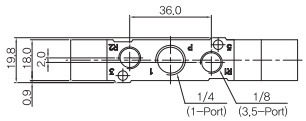





SCP453D-F5






### ▶ 매니폴더 주문형식

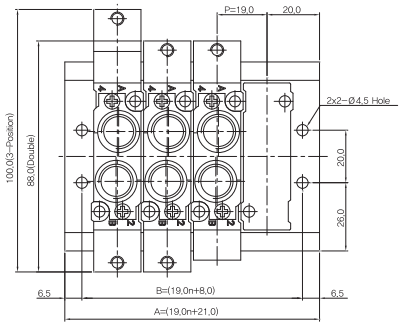
매니폴더 주문형식 SCB41-D-OO

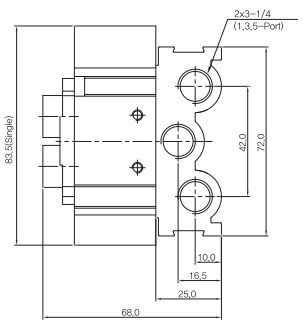
SCB41 - D - 02
① ② ③

**① 시리즈**
SCP400D용 매니폴더

**② 배관형식**
D: 직접배관형 매니폴더

**③ 련수**
02: 2련 매니폴더
(표준 : 2련 ~ 14련)
BLK : 블랭킹 플레이트




매니폴더 치수 n=련수

| 항목 \ 련수 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 46.0 | 65.0 | 84.0 | 103.0 | 122.0 | 141.0 | 160.0 | 179.0 | 198.0 | 217.0 | 236.0 | 255.0 | 274.0 |
| A | 59.0 | 78.0 | 97.0 | 116.0 | 135.0 | 154.0 | 173.0 | 192.0 | 211.0 | 230.0 | 249.0 | 268.0 | 287.0 |

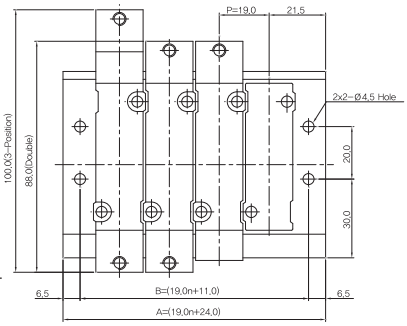
매니폴더 주문형식 SCB41-B-OO

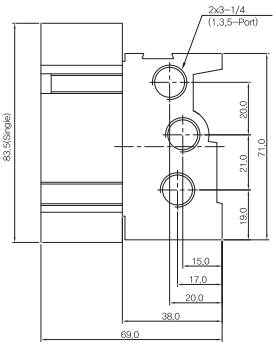
SCB41 - B - 02
① ② ③

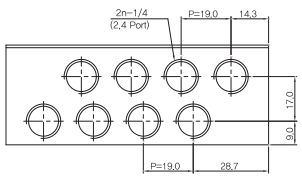
**① 시리즈**
SCP400B용 매니폴더

**② 배관형식**
B: 베이스배관형 매니폴더

**③ 련수**
S : 싱글베이스(1/4)
02 : 2련 매니폴더
(표준 : 2련 ~ 14련)
BLK : 블랭킹 플레이트




매니폴더 치수 n=련수

| 항목 \ 련수 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 49.0 | 68.0 | 87.0 | 106.0 | 125.0 | 144.0 | 163.0 | 182.0 | 201.0 | 220.0 | 239.0 | 258.0 | 277.0 |
| A | 62.0 | 81.0 | 100.0 | 119.0 | 138.0 | 157.0 | 176.0 | 195.0 | 214.0 | 233.0 | 252.0 | 271.0 | 290.0 |