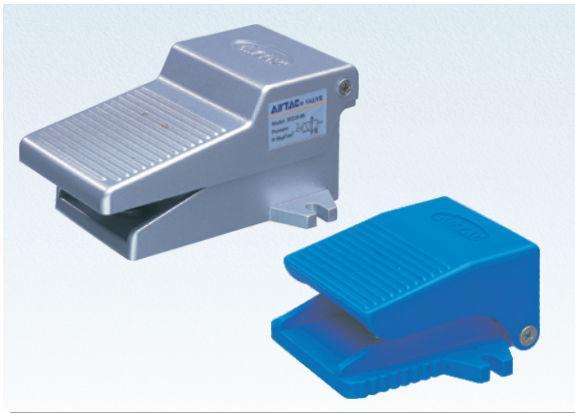
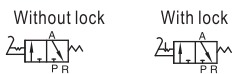


Foot pedal valve (3/2way)

3F, 3FM Series



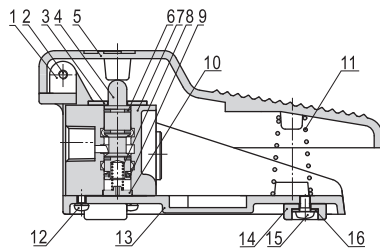
Symbol



Product feature

1. Direct acting and normally closed type.
2. The 3F series has aluminum foot pedal and 3FM series has plastic foot pedal, in direct acting type, horizontal and compact structure.
3. If the duration of direction-change is long, the valves with lock may be selected.
4. The clamping framework is steady and reliable that it is easy and quick to unlock. However, with the limitation of the dimension of structure, it can not bear frequent strong impact.

Inner structure



| No. | Item | No. | Item | No. | Item |
|-----|-------------|-----|-----------------|-----|-------------|
| 1 | Bushing | 7 | Body | 13 | Base |
| 2 | Fixed screw | 8 | Spring | 14 | Base pad |
| 3 | Fixed plate | 9 | E clip | 15 | Fixed screw |
| 4 | Spool | 10 | Spring bolder | 16 | Clip |
| 5 | Pedal | 11 | Override spring | | |
| 6 | O-ring | 12 | Fixed screw | | |

Note:

Note: Lockable type should be added grease periodically to ensure the machine can work regularly

Specification

| Model | 3 FM210-M5 | 3F210-06 | 3FM210-06 | 3F210-08 | 3FM210-08 |
|------------------------|--|----------|-----------|----------|-----------|
| Fluid | Air (to be filtered by 40 μ m filter element) | | | | |
| Operating | Acting type controlled by foot normally closed | | | | |
| Port size ^① | M5 | 1/8" | 1/4" | 1/8" | 1/4" |
| Valve type | 3/2 Way | | | | |
| Pressure range | 0~0.8MPa(0~114psi) | | | | |
| Proof pressure | 1.5MPa(215psi) | | | | |
| Temperature | -20~70℃ | | | | |
| Material body | 3FM:Plastic; 3F:Aluminum alloy | | | | |
| Lubrication | Not required | | | | |

① PT thread, NPT thread and G thread are available.

Ordering code

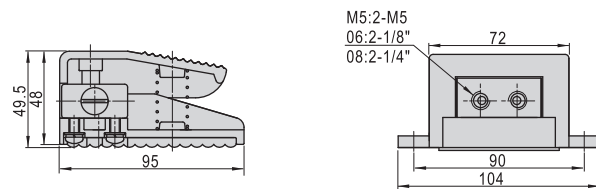
3F210 08 L □

| Model | | Thread type | |
|--|--|-------------|-------------|
| 3FM210: 3/2 way foot pedal valve (mini type) | | Port size | Thread type |
| 3F210: 3/2 way foot pedal valve | | M5 | Not code |
| | | 1/8" | Blank: PT |
| | | 1/4" | T: NPT |
| | | | G: G |

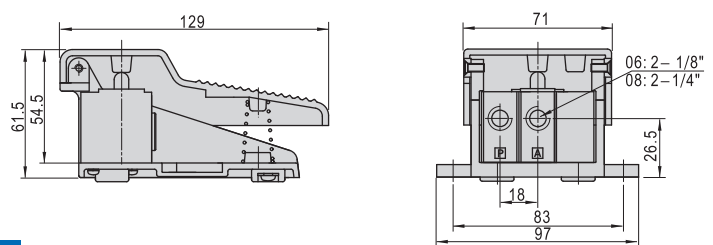
| Port size | | Note | |
|-----------|-----------|--------|---------------------|
| Model | Port size | Model | Note |
| 3FM210 | M5: M5 | 3FM210 | Not code |
| | 06: 1/8" | 3F210 | Blank: Without lock |
| | 08: 1/4" | | L: With lock |

Dimensions

3FM210



3F210



3F210L

