

## 7V Series manifold



### Specification

| Item\Manifold Model      | 7V0500M                                     | 7V100M       | 7V200M       |
|--------------------------|---------------------------------------------|--------------|--------------|
| Fluid                    | Air(to be filtered by 40 μm filter element) |              |              |
| Temperature              | -20~70℃                                     |              |              |
| Adaptable valve's series | 7V0500 Series                               | 7V100 Series | 7V200 Series |

### Product feature

1. It is available to integrate the direction control valves of the same series to form valve group to save space and cost.
2. It is easy to examine when there are faults owing to the unified air intake and exhaust and unified wiring.
3. Flexible combination and strong expansion capability can make any combination or expansion of the numbers of direction control valves that are connected.

### Ordering code

#### 7V100M 5F T Ordering code for manifold

① ② ③

|                      |                                                                 |                               |                               |
|----------------------|-----------------------------------------------------------------|-------------------------------|-------------------------------|
| ① Model              | 7V0500M: 7V0500 Series manifold                                 | 7V100M: 7V100 Series manifold | 7V200M: 7V200 Series manifold |
| ② Number of stations | 1F: 1 Station 2F: 2 Station 3F: 3 Station ..... 20F: 20 Station |                               |                               |
| ③ Thread type        | Blank: PT thread G: G Thread T: NPT Thread                      |                               |                               |

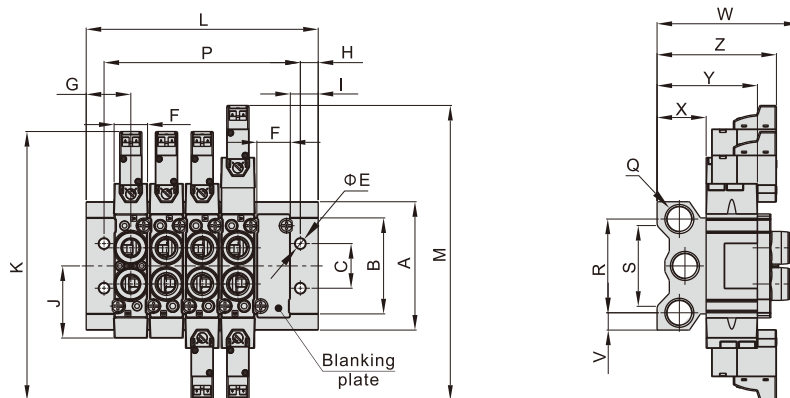
#### P-7V100M-R2 Ordering code for blank plate

① ②

|         |                                 |                               |                               |
|---------|---------------------------------|-------------------------------|-------------------------------|
| ① Model | 7V0500M: 7V0500 Series manifold | 7V100M: 7V100 Series manifold | 7V200M: 7V200 Series manifold |
| ② Code  | R2: Blank plate for manifold    |                               |                               |

[Note] 1.Manifold kits contains manifold, seal and screw. 2. Blank plate kits contains blank plate and screw.

### Dimensions



| Model\Item | A    | B  | C  | E   | F  | G    | H   | I    | J    | K   | M   | Q    | R  | S  | V | W        |                   | X  | Y    | Z    |
|------------|------|----|----|-----|----|------|-----|------|------|-----|-----|------|----|----|---|----------|-------------------|----|------|------|
| 7V0500M    | 46   | 32 | 16 | 4.5 | 10 | 17.5 | 7.5 | 12.5 | 22.5 | 102 | 110 | 1/8" | 32 | 26 | 7 | 40.5(M5) | 49.5(J04)         | 17 | 35.5 | 47.5 |
| 7V100M     | 57.5 | 43 | 20 | 4.5 | 15 | 20   | 8   | 12.5 | 32   | 121 | 132 | 1/4" | 40 | 36 | 9 | 54.5(06) | 62(J06) 63.5(J08) | 22 | 45   | 53.5 |
| 7V200M     | 60   | 52 | 21 | 4.5 | 18 | 22   | 8.5 | 13   | 39   | 134 | 147 | 1/4" | 42 | 38 | 9 | 64.5(08) | 70.5(J08) 73(J10) | 24 | 52   | 57   |

| Model\Item | L  |      |    |      |     |      |     |       |     |       |     |       |     |       |     |       |     |       |     |       |
|------------|----|------|----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
|            | 1F | 2F   | 3F | 4F   | 5F  | 6F   | 7F  | 8F    | 9F  | 10F   | 11F | 12F   | 13F | 14F   | 15F | 16F   | 17F | 18F   | 19F | 20F   |
| 7V0500M    | 35 | 40.5 | 51 | 61.5 | 72  | 82.5 | 93  | 103.5 | 114 | 124.5 | 135 | 145.5 | 156 | 166.5 | 177 | 187.5 | 198 | 208.5 | 219 | 229.5 |
| 7V100M     | 40 | 50   | 66 | 82   | 98  | 114  | 130 | 146   | 162 | 178   | 194 | 210   | 226 | 242   | 258 | 274   | 290 | 306   | 322 | 338   |
| 7V200M     | 44 | 56   | 75 | 94   | 113 | 132  | 151 | 170   | 189 | 208   | 227 | 246   | 265 | 284   | 303 | 322   | 341 | 360   | 379 | 398   |

| Model\Item | P  |      |    |      |     |      |     |      |     |       |     |       |     |       |     |       |     |       |     |       |
|------------|----|------|----|------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
|            | 1F | 2F   | 3F | 4F   | 5F  | 6F   | 7F  | 8F   | 9F  | 10F   | 11F | 12F   | 13F | 14F   | 15F | 16F   | 17F | 18F   | 19F | 20F   |
| 7V0500M    | 20 | 30.5 | 41 | 51.5 | 62  | 72.5 | 83  | 93.5 | 104 | 114.5 | 125 | 135.5 | 146 | 156.5 | 167 | 177.5 | 188 | 198.5 | 209 | 219.5 |
| 7V100M     | 24 | 40   | 56 | 72   | 88  | 104  | 120 | 136  | 152 | 168   | 184 | 200   | 216 | 232   | 248 | 264   | 280 | 296   | 312 | 328   |
| 7V200M     | 27 | 46   | 65 | 84   | 103 | 122  | 141 | 160  | 179 | 198   | 217 | 236   | 255 | 274   | 293 | 312   | 331 | 350   | 369 | 388   |