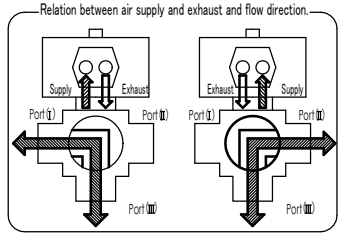
## DIMENSIONS TABLE

| NOMINAL SIZE | | d | d' | FLANGED END DIN PN10 D | C | n | h | L | t | H1 | SOCKET END PVC, C-PVC d1 | ℓ | L | H1 | PP, PVDF d1 | ℓ | L | H1 | THREADED END d2 | ℓ | L | H1 | SPIGOT END PVC d3 | d3' | ℓ | L | H1 | PP, PVDF d3 | ℓ | t1 PP | t1 PVDF | L | H1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65mm | 2 1/2″ | 78 | 58 | 185 | 145 | 4 | 18 | 304 | 18 | 256 | 75 | 44 | 282 | 245 | 74.25 | 31 | 256 | 227 | Rp 21/2 | 32 | 264 | 235 | – | – | – | – | – | – | – | – | – | – | – |
| 80 | 3 | 78 | 58 | 200 | 160 | 8 | 18 | 310 | 21 | 259 | 90 | 51 | 282 | 245 | 89.20 | 35.5 | 251 | 224 | Rp 3 | 35 | 264 | 235 | 90 | 80 | 51 | 299 | 252 | 90 | 38 | 8.2 | 4.3 | 295 | 246 |
| 100 | 4 | 100 | 78 | 220 | 180 | 8 | 18 | 350 | 18 | 305 | 110 | 61 | 349 | 305 | 109.05 | 41.5 | 310 | 279 | Rp 4 | 45 | 338 | 299 | 110 | 93.6 | 61 | 358 | 308 | 110 | 44.5 | 10.0 | 5.3 | 353 | 301 |

Unit:mm

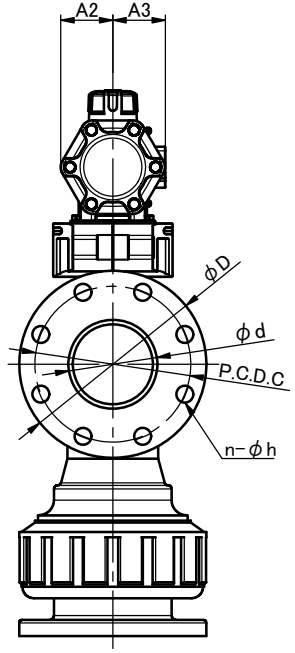
| NOMINAL SIZE | | D1 | H | A | A2 | A3 | P | ACTUATOR TYPE |
|---|---|---|---|---|---|---|---|---|
| 65mm | 2 1/2″ | 152 | 230 | 188 | 42.5 | 57 | 1/4 | AR063DA40SN |
| 80 | 3 | 152 | 230 | 188 | 42.5 | 57 | | |
| 100 | 4 | 210 | 307 | 281 | 58.5 | 59 | | AR070DA40SN |

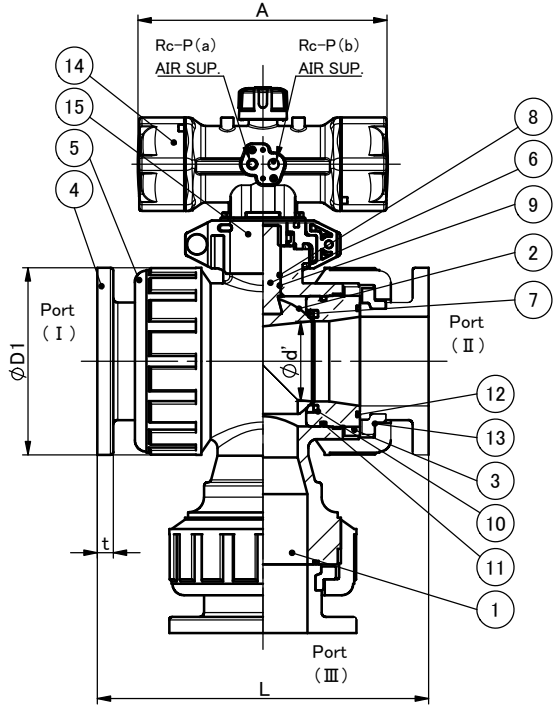
Relation between air supply and exhaust and flow direction.

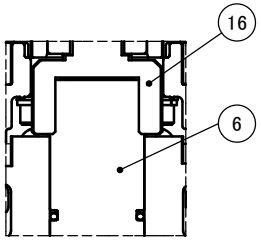



NOTE.
1.Operating pressure : 0.4MPa～0.7MPa G
2.Port Ⅰ ⇔ Ⅲ : Port(a) supply, Port(b) exhaust
Port Ⅱ ⇔ Ⅲ : Port(a) exhaust, Port(b) supply
3.The shape and appearance of assembly differ a little with nominal size compared to this drawing.

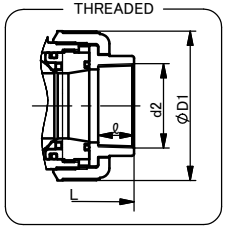
FLANGED END

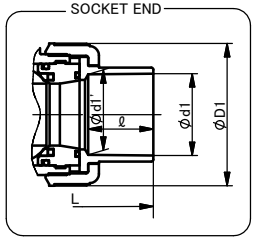


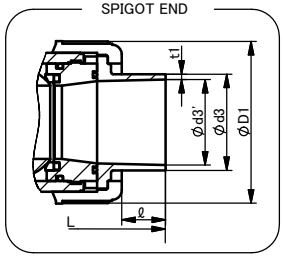




Used for 100mm(4″) only.




| No. | DESCRIPTION | QTY. | MATERIAL | REMARKS |
|---|---|---|---|---|
| 16 | JOINT | 1 | SUS304 | |
| 15 | STAND | 1 | PPG etc. | |
| 14 | Actuator | 1 | PPG etc. | |
| 13 | Stop Ring | 3 | PVDF | |
| 12 | O-ring | 3 | ☐EPDM ☐FKM ☐Others ( ) | |
| 11 | O-ring | 2 | | |
| 10 | Cushion | 2 | | |
| 9 | O-ring | 1 | | |
| 8 | O-ring | 1 | | |
| 7 | Seat | 2 | PTFE | |
| 6 | Stem | 1 | ☐PVC ☐C-PVC ☐PP ☐PVDF | |
| 5 | Union nut | 3 | | |
| 4 | End connector | 3 | | |
| 3 | Carrier | 2 | | |
| 2 | Ball | 1 | | |
| 1 | Body | 1 | | |

| | | | |
|---|---|---|---|
| ITEM | 3-WAY BALL VALVE (TYPE 23) PNEUMATIC MODEL AR TYPE ASS'Y DOUBLE ACTING : DOUBLE L-PORT TYPE DIN ☐FLANGED END, ☐SOCKET END, ☐THREADED END, ☐SPIGOT END 65mm (2 1/2″) ～ 100mm (4″) | | |
| DRAWN | M. Iwakiri | DATE | SCALE |
| | | Aug. 5, 2021 | ~ |
| CHECKED | T. Iwamoto | DRAWING No. | |
| APPROVED | K. Koushou | T3-AA079DE | 3 |
| SPECIAL ORDER No. | | ASAHI YUKIZAI CORPORATION | |

SWSE-A3-02