



NOTE.

- Operating pressure 0.4~0.7MPa G
Valve open: Part(a) Exhaust, Part(b) Supply
Valve shut: Part(a) Supply, Part(b) Exhaust
- The shape and appearance of assembly differ a little with nominal size and material compared to this drawing.

DIMENSIONS TABLE

UNIT: inch

| NOMINAL SIZE | d | ANSI Class 150 | | | L | D | D1 | D2 | H | H1 | A | A2 | A3 | P | ACTUATOR TYPE | |
|--------------|------|----------------|-------|---|------|------|-------|------|------|-------|------|-------|------|------|---------------|-------------|
| | | C | n | h | | | | | | | | | | | | |
| 1 1/2" | 40mm | 1.77 | 3.88 | 4 | 0.62 | 1.54 | 5.91 | 2.80 | 3.94 | 8.70 | 2.95 | 5.79 | 1.38 | 1.93 | 1/4 | AR050DA14NN |
| 2 | 50 | 2.20 | 4.75 | 4 | 0.75 | 1.65 | 6.50 | 3.19 | 3.94 | 9.09 | 3.27 | 5.79 | 1.38 | 1.93 | 1/4 | AR050DA14NN |
| 2 1/2 | 65 | 2.72 | 5.50 | 4 | 0.75 | 1.81 | 7.28 | 3.74 | 3.94 | 9.49 | 3.66 | 5.79 | 1.38 | 1.93 | 1/4 | AR050DA14NN |
| 3 | 80 | 3.03 | 6.00 | 4 | 0.75 | 1.81 | 8.31 | 4.13 | 3.94 | 10.83 | 4.17 | 7.40 | 1.67 | 2.24 | 1/4 | AR063DA17SN |
| 4 | 100 | 4.02 | 7.50 | 8 | 0.75 | 2.20 | 9.37 | 5.28 | 3.94 | 11.42 | 4.69 | 7.40 | 1.67 | 2.24 | 1/4 | AR063DA17SN |
| 5 | 125 | 5.08 | 8.50 | 8 | 0.88 | 2.60 | 10.04 | 6.65 | 5.51 | 12.83 | 5.04 | 11.06 | 2.30 | 2.32 | 1/4 | AR070DA17SN |
| 6 | 150 | 5.91 | 9.50 | 8 | 0.88 | 2.80 | 11.22 | 7.48 | 5.51 | 15.00 | 5.63 | 13.98 | 3.23 | 3.23 | 1/4 | AR100DA22XN |
| 8 | 200 | 7.68 | 11.75 | 8 | 0.88 | 3.43 | 13.78 | 9.53 | 5.51 | 16.22 | 6.89 | 13.98 | 3.23 | 3.23 | 1/4 | AR100DA22XN |

| 13 | BOLT | 4 | SUS304(STAINLESS STEEL) | |
|-----|-------------|------|--------------------------|---------|
| 12 | ACTUATOR | 1 | PPG etc. | |
| 11 | STAND | 1 | PPG | |
| 10 | SCREW | 4 | SUS304(STAINLESS STEEL) | |
| 9 | STEM HOLDER | 1 | PP | |
| 8 | STEM | 1 | SUS403H(STAINLESS STEEL) | |
| 7 | O-RING | 4 | EPDM | |
| 6 | O-RING | 1 | EPDM | |
| 5 | SEAT | 1 | EPDM | |
| 4 | BUSH | 1 | BODY/DISC·BUSH | |
| 3 | BUSH | 1 | □PVC/PP | |
| 2 | DISC | 1 | □PP/PP | |
| 1 | BODY | 1 | □PVDF/PVDF | |
| No. | DESCRIPTION | QTY. | MATERIAL | REMARKS |

| | | | |
|-------------------|--|------------------------|-------|
| ITEM | BUTTERFLY VALVE TYPE 57 PNEUMATIC MODEL TYPE AR Ass'y DOUBLE ACTING — ANSI Class 150 1 1/2" (40mm)~8" (200mm) OPTION: — | | |
| DRAWN | N. Ito | DATE | SCALE |
| CHECKED | Y. Sato | Nov. 1, 2023 | ~ |
| APPROVED | K. Koushou | DRAWING No. 57-AA105AE | |
| SPECIAL ORDER No. | ASAHY YUKIZAI CORPORATION | | |