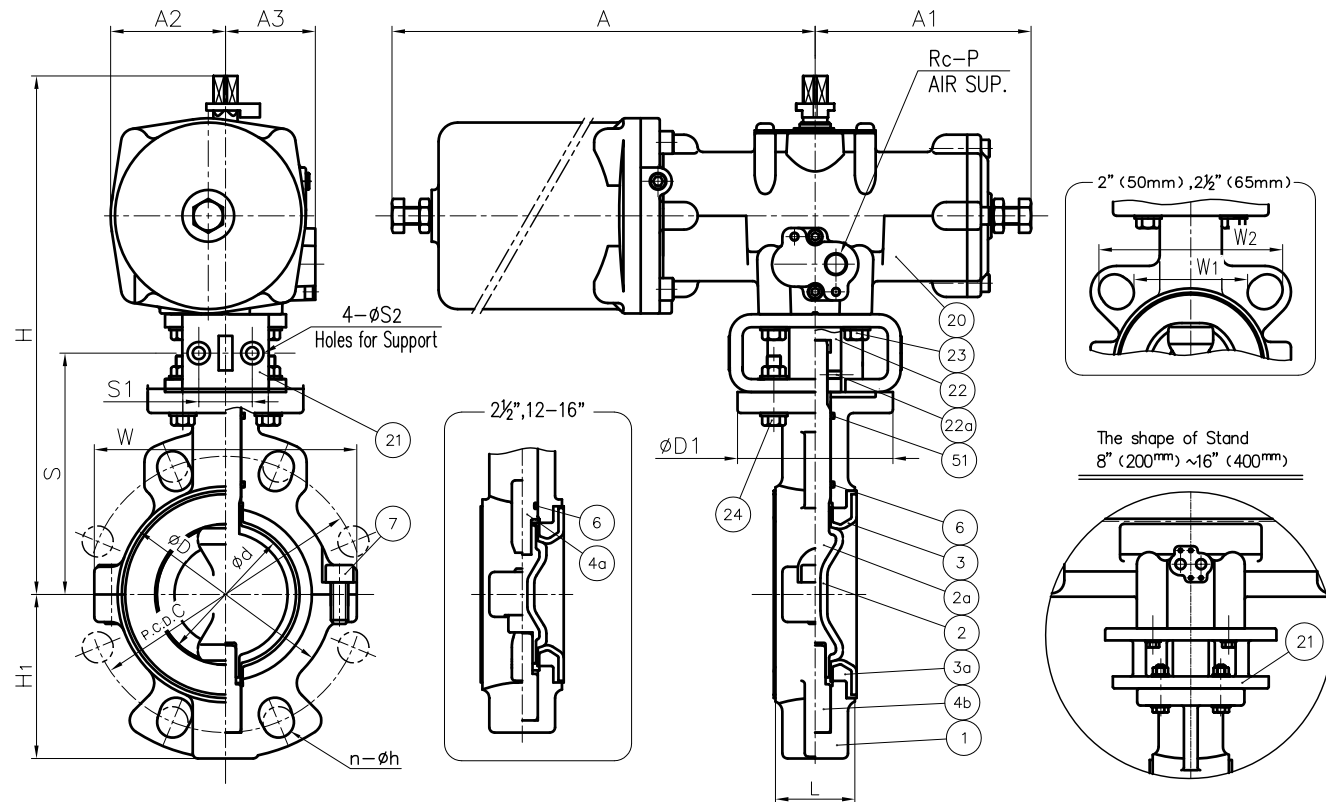


2" (50mm) - 6" (150mm)



- NOTE.
1. Operating pressure: 0.4~0.7 MPa G
 2. Air to open : Air-less shut
Air to shut : Air-less open
 3. The shape and appearance of assembly differ a little with nominal size compared to this drawing.
 4. Dimensions "L" is equivalent to ISO5752 flangeless (wafer) short.

| | | | | |
|-----|------------------------|--------|---|---|
| 51 | O-RING (B) | 1 | EPDM | |
| 24 | BOLT · NUT (B) | 4 Sets | STAINLESS STEEL (SUS304) | |
| 23 | BOLT (D) | 4 | STAINLESS STEEL (SUS304) | |
| 22a | SCREW (B) | 1 | STAINLESS STEEL (SUS304) | |
| 22 | JOINT | 1 | COPPER ALLOY (C3604) | |
| 21 | STAND | 1 | PPG CAST ALUMINUM ALLOY (AC12C) | Used for Size 2-6" Used for Size 8-16" |
| 20 | ACTUATOR | 1 | ALUMINUM ALLOYS DIE CASTINGS (ADC12) etc. | Meramin Baking Coat. |
| 7 | BOLT (A) | - | STAINLESS STEEL (SUS304) | Used for Size 2-5" : 2 6-16" : 4 |
| 6 | O-RING (A) | 1 | EPDM | |
| 4b | STEM (B) | 1 | STAINLESS STEEL (SUS304) | |
| 4a | STEM (A) | 1 | STAINLESS STEEL (SUS304) | Used for Size 2 1/2", 12-16" |
| 3a | SEAT CUSHION | 1 | CR | |
| 3 | SEAT | 1 | PTFE | |
| 2a | INSERTED METAL OF DISC | 1 | STAINLESS STEEL (SUS304) | |
| 2 | DISC | 1 | PTFE | |
| 1 | BODY | 1 | DUCTILE CAST IRON (FCD-S) | Epoxy Powder Coat |
| No. | DESCRIPTION | QTY. | MATERIAL | REMARKS |

DIMENSIONS TABLE

UNIT : inch

| NOMINAL SIZE | d | ANSI Class 150 | | | D | D1 | L | H | H1 | W | W1 | W2 | A | A1 | A2 | A3 | S | S1 | S2 | P | ACTUATOR MODEL | |
|--------------|------|----------------|---------|--------|--------|-------|------|------|-------|-------|-------|------|------|-------|-------|------|------|------|------|------|----------------|------------|
| | | C | n | h | | | | | | | | | | | | | | | | | | |
| 2" | 50mm | 2.17 | (4.75) | 2 (4) | (0.75) | 3.54 | 3.54 | 1.69 | 10.55 | 2.40 | 4.57 | 2.60 | 4.17 | 9.45 | 4.13 | 2.09 | 1.97 | 4.82 | 1.26 | 0.28 | 1/4 | TA2A-050R |
| 2 1/2" | 65 | 2.56 | (5.50) | 2 (4) | (0.75) | 4.33 | 3.54 | 1.81 | 11.73 | 3.15 | 5.75 | 3.07 | 4.41 | 11.34 | 4.92 | 2.62 | 2.05 | 5.41 | 1.26 | 0.28 | 1/4 | TA2A-063R |
| 3 | 80 | 3.15 | (6.00) | - (4) | (0.75) | 4.92 | 3.54 | 1.81 | 11.89 | 3.74 | 5.98 | - | - | 11.34 | 4.92 | 2.62 | 2.05 | 5.57 | 1.26 | 0.28 | 1/4 | TA2A-063R |
| 4 | 100 | 3.94 | 7.50 | 4 (8) | 0.75 | 6.06 | 3.54 | 2.05 | 13.82 | 4.06 | 6.85 | - | - | 13.43 | 5.75 | 3.25 | 2.32 | 6.20 | 1.26 | 0.28 | 1/4 | TA2A-080R |
| 5 | 125 | 4.92 | 8.50 | 4 (8) | 0.88 | 7.13 | 4.92 | 2.20 | 16.18 | 4.72 | 8.11 | - | - | 16.42 | 7.13 | 4.06 | 2.80 | 7.22 | 1.65 | 0.35 | 1/4 | TA2A-100R2 |
| 6 | 150 | 5.91 | 9.50 | 4 (8) | 0.88 | 8.31 | 4.92 | 2.20 | 16.85 | 5.39 | 9.29 | - | - | 16.42 | 7.13 | 4.06 | 2.80 | 7.89 | 1.65 | 0.35 | 1/4 | TA2A-100R2 |
| 8 | 200 | 7.52 | 11.75 | 4 (8) | 0.88 | 9.96 | 4.92 | 2.36 | 19.76 | 6.42 | 11.42 | - | - | 21.34 | 8.66 | 4.67 | 2.91 | - | - | - | 1/4 | TA2A-125R2 |
| 10 | 250 | 9.65 | 14.25 | 4 (12) | 1.00 | 12.60 | 4.92 | 2.68 | 22.95 | 7.87 | 13.39 | - | - | 25.91 | 10.47 | 5.87 | 3.23 | - | - | - | 1/4 | TA2A-160R2 |
| 12 | 300 | 11.65 | 17.00 | 4 (12) | 1.00 | 14.61 | 7.09 | 3.07 | 25.18 | 9.06 | 16.14 | - | - | 25.91 | 10.47 | 5.87 | 3.23 | - | - | - | 1/4 | TA2A-160R2 |
| 14 | 350 | 12.99 | 18.75 | 4 (12) | 1.12 | 16.38 | 7.09 | 3.62 | 28.62 | 10.04 | 18.11 | - | - | 37.13 | 13.07 | 7.17 | 4.65 | - | - | - | 3/8 | TA-200R |
| 16 | 400 | 14.96 | (21.25) | 4 (16) | (1.12) | 18.74 | 7.09 | 4.02 | 29.80 | 11.42 | 20.94 | - | - | 37.13 | 13.07 | 7.17 | 4.65 | - | - | - | 3/8 | TA-200R |

| | | | |
|-------------------|---|---------------------------|-------|
| ITEM | BUTTERFLY VALVE (TYPE 55S) PNEUMATIC MODEL TA TYPE ASS'Y □AIR TO OPEN, □AIR TO SHUT ANSI Class 150 2" (50mm) ~ 16" (400mm) | | |
| DRAWN | E.Ozaki | DATE | SCALE |
| CHECKED | H.Kawano | JUL.25.2019 | ~ |
| APPROVED | K.Koushou | DRAWING No. 55-AA038AE | |
| SPECIAL ORDER No. | ASAHI YUKIZAI CORPORATION | | |